

*Report and Index of
Underway Marine Geophysical Data*

Nemo Expedition

Leg 2

(NEMO02MV)

R/V Melville

(Issued August 2000)

Ports:

Manzanillo, Mexico (24 March 2000)

to

Manzanillo, Mexico (10 May 2000)

Chief Scientist:

Daniel Fornari - Woods Hole Oceanographic Inst.
dfornari@whoi.edu

Computer Tech - Jim Charters
Resident Marine Tech - Ron Comer
SeaBeam Processor - Uta Peckman

Post-Cruise processing and report preparation by the
Geological Data Center, Scripps Institution of Oceanography
La Jolla, CA 92093-0223

NOTE: This is an index of underway geophysical data edited and processed after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093-0223.

GDC Cruise ID# 292

***Report and Index of Navigation
and Underway Geophysical Data***

Processed by the Geological Data Center
Scripps Institution of Oceanography

Contents:

Index Chart – gives track of cruise leg, dates, ports, and mileage of each type of data collected.

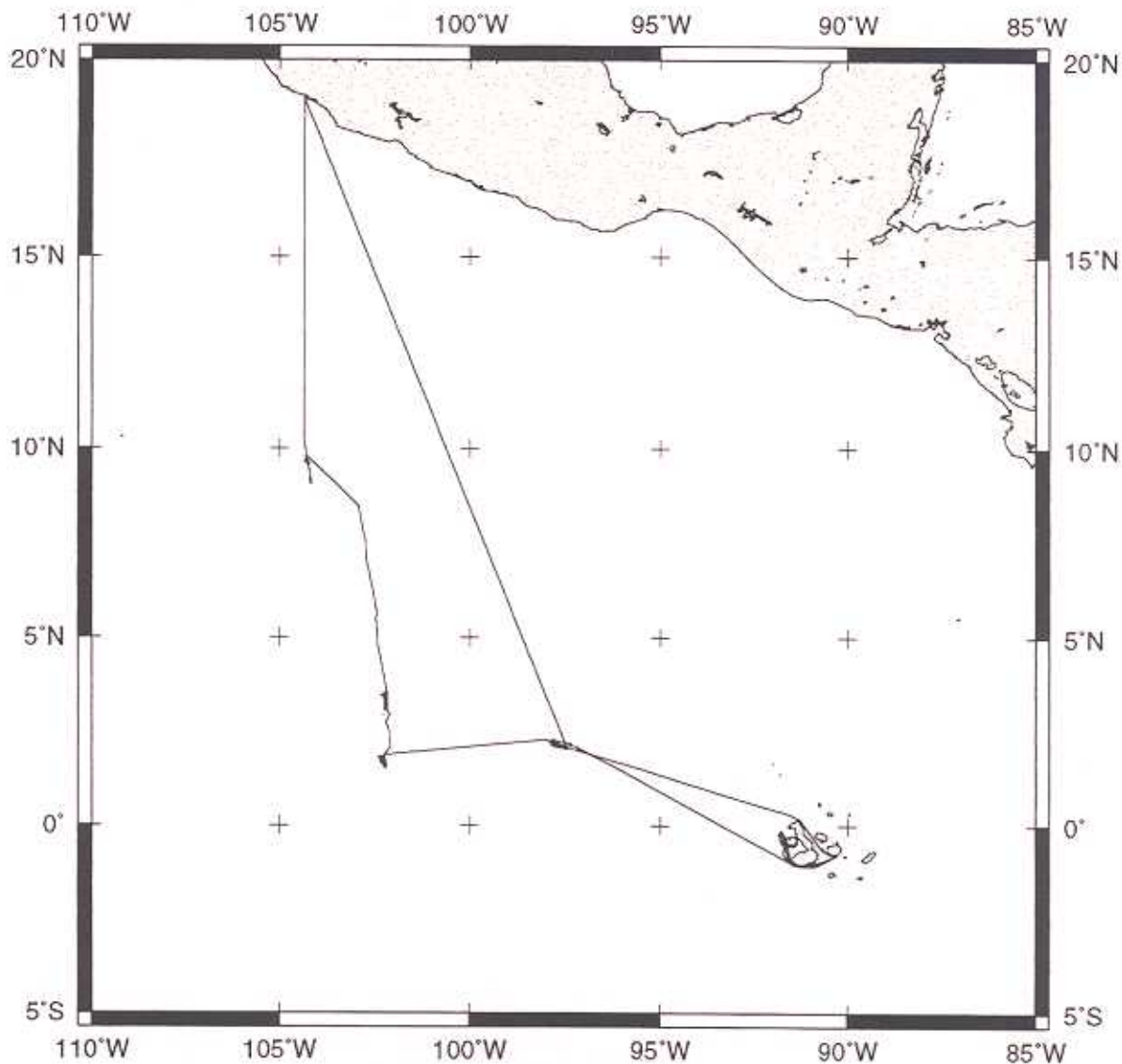
Track Charts– annotated with dates and hour ticks

Profiles – depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

Sample Index – list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

NOTE: One or more of the underway data types may not be collected on a given leg. For information on the availability and reproduction costs of data in the following forms, contact the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093–0223. Phone: (858)534–2752, Fax: (858)534–6500, internet email: ualbright@ucsd.edu or gwells@ucsd.edu

1. Files via ftp or on 8mm (Exabyte) magnetic tape or CDrom:
 - a) Separate time series ASCII files of navigation, single beam depth, gravity and magnetics.
 - b) Above data in a single merged ASCII file in the MGD77 Exchange Format.
 - c) SeaBeam depth data (binary, Sun byte order)
 - d) SeaBeam Sidescan data.
2. Microfilm (35mm flowfilm) or hard copies of:
 - a) Underway watch log
 - b) SeaBeam vertical beam profile/Sidescan records.
 - c) 3.5 kHz and 12 kHz echosounder records.
 - d) Seismic reflection profiler records.
3. Navigation abstract listing with times and positions of major course and speed changes.
4. Custom plots in Mercator projection:
 - a) Track plots.
 - b) SeaBeam depth contour plots.
 - c) Depths, magnetic or gravity values printed or profiled along track.



NEMO EXPEDITION LEG 2 (NEMO02MV)

CHIEF SCIENTIST: Dan Fornari, Woods Hole

PORTS: Manzanillo - Manzanillo, Mexico

DATES: 24 March - 10 May 2000

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-5032 miles

Magnetics-972 miles

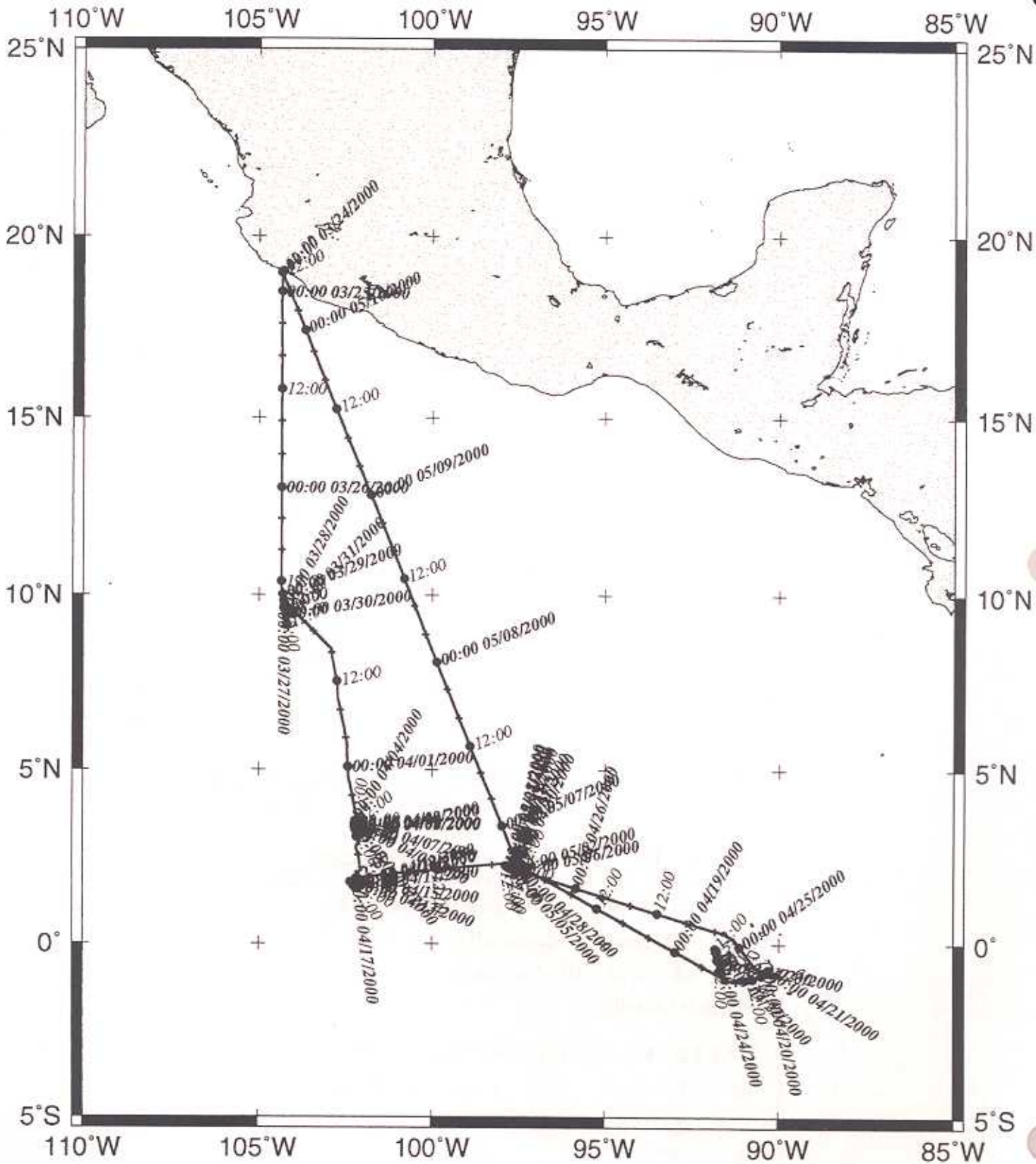
Bathymetry-3892 miles

Seismic Reflection-none collected

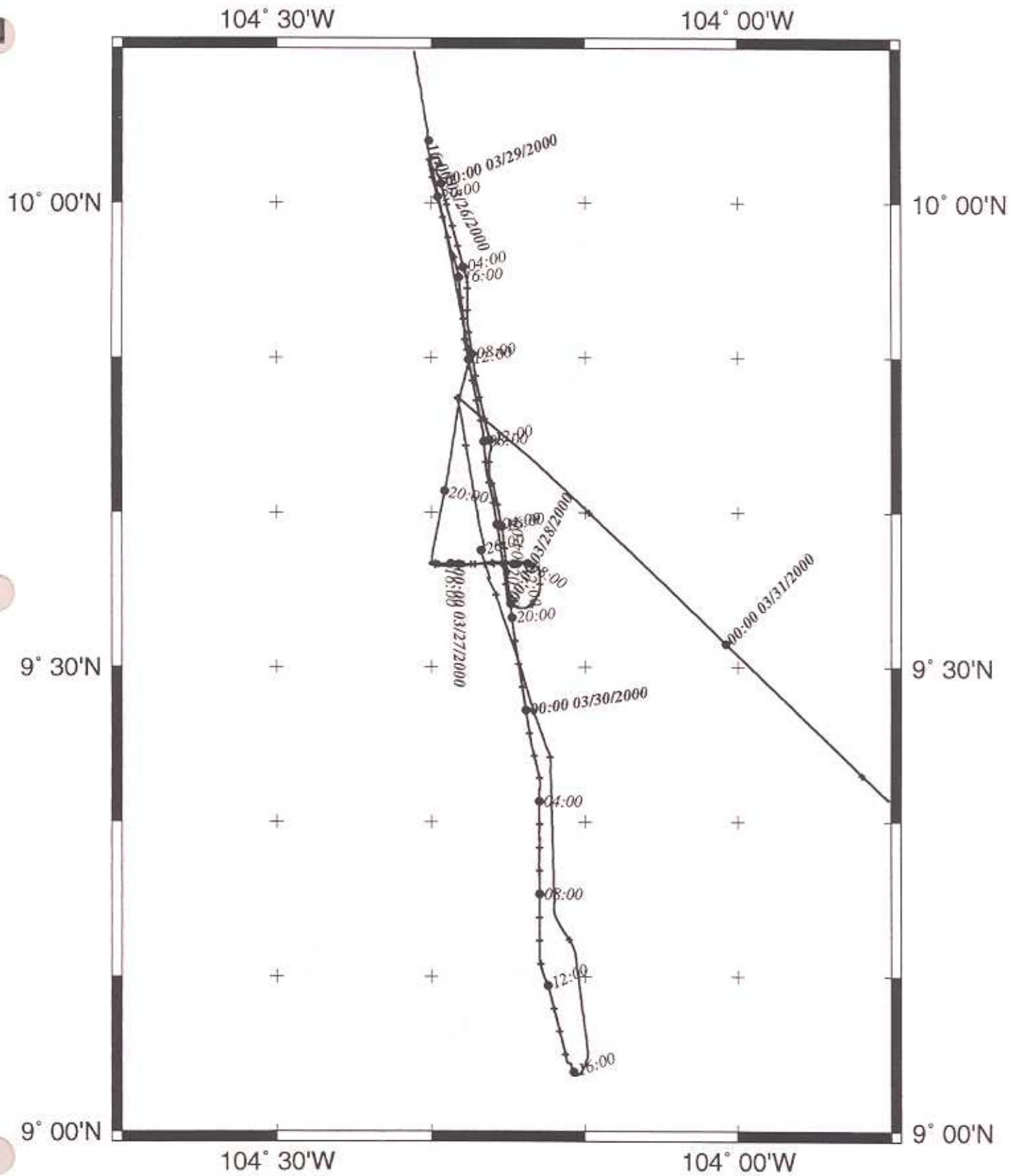
Sea Beam-3892 miles

Gravity-5047 miles

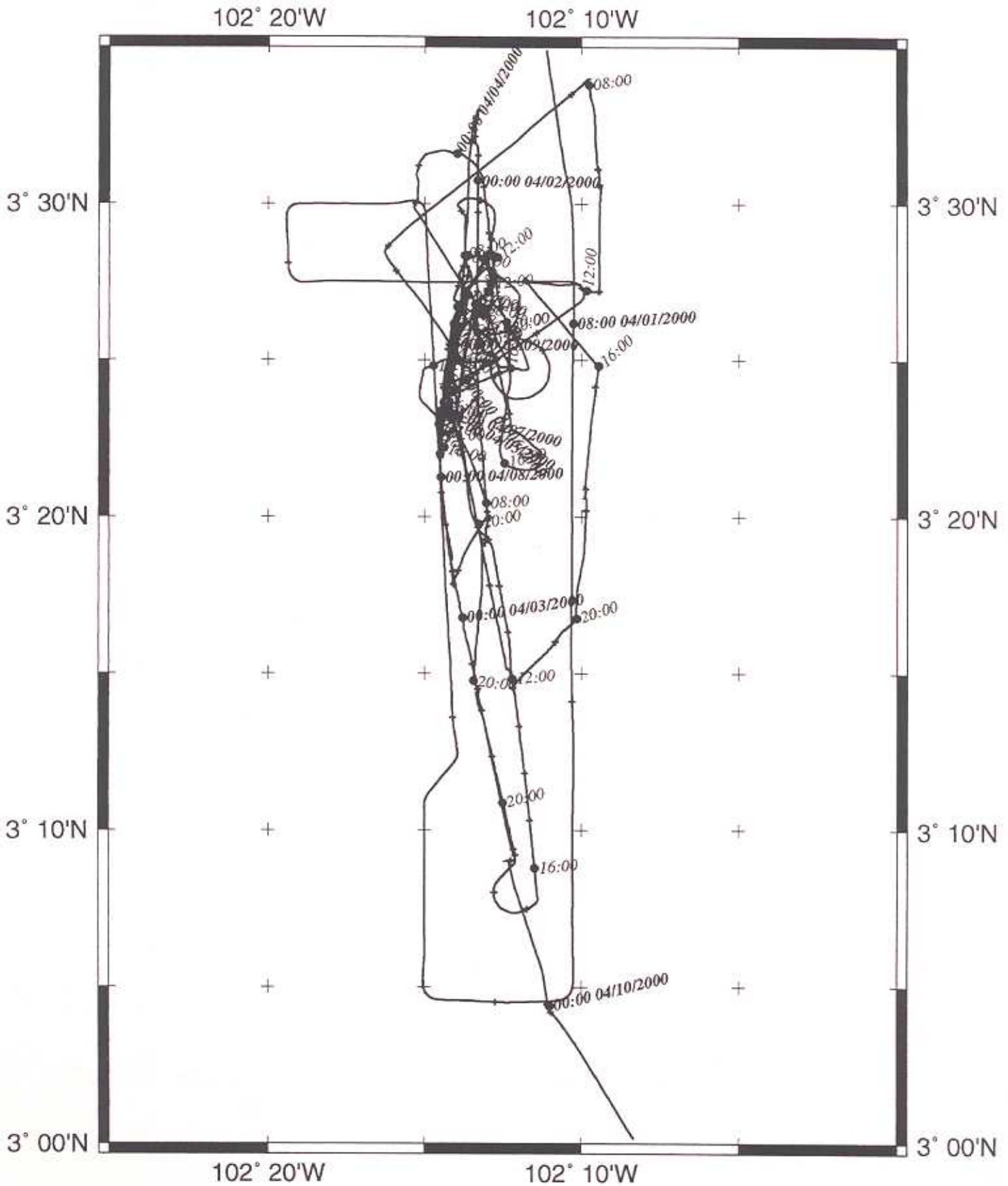
NEMO Leg 2 Track



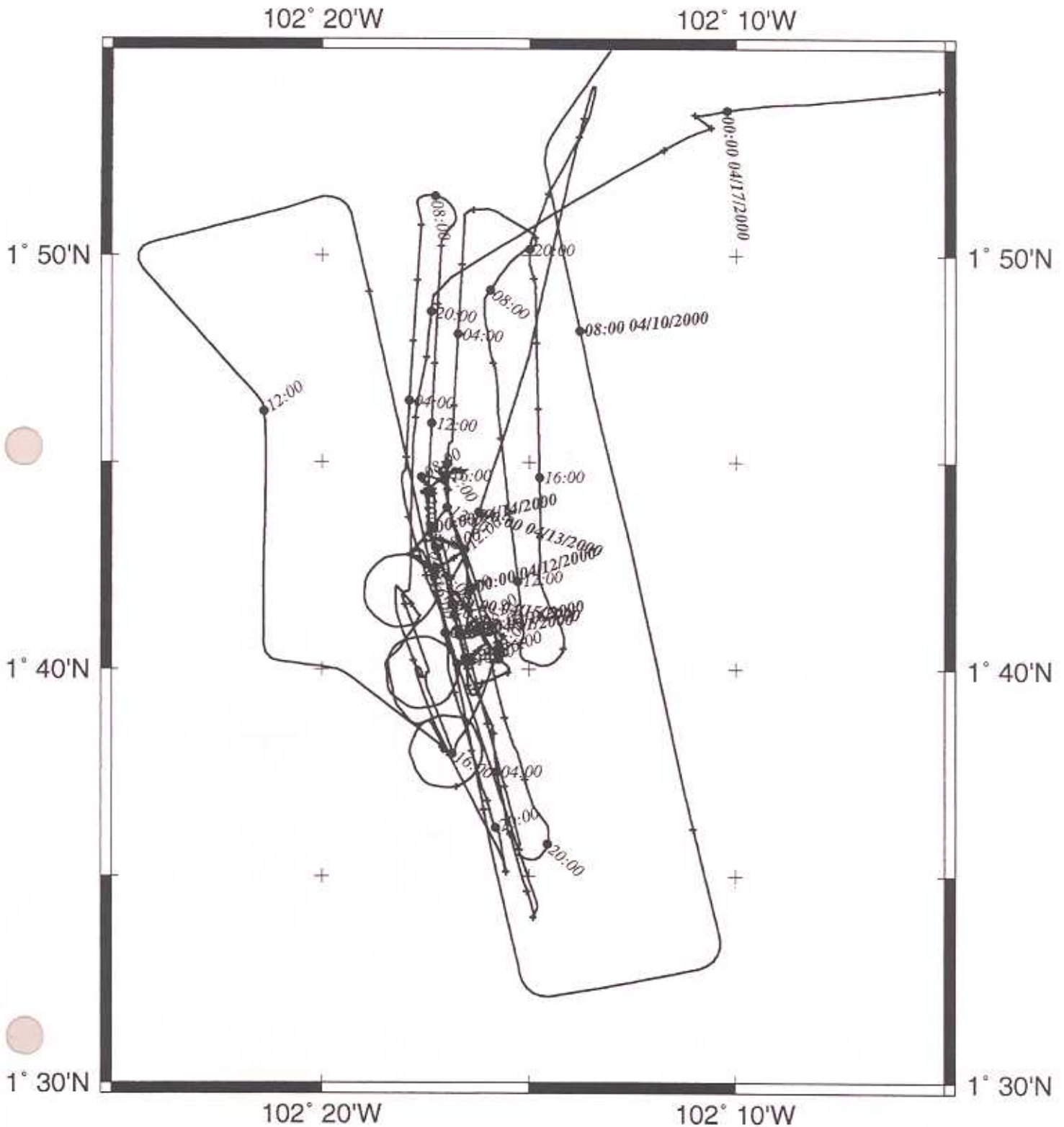
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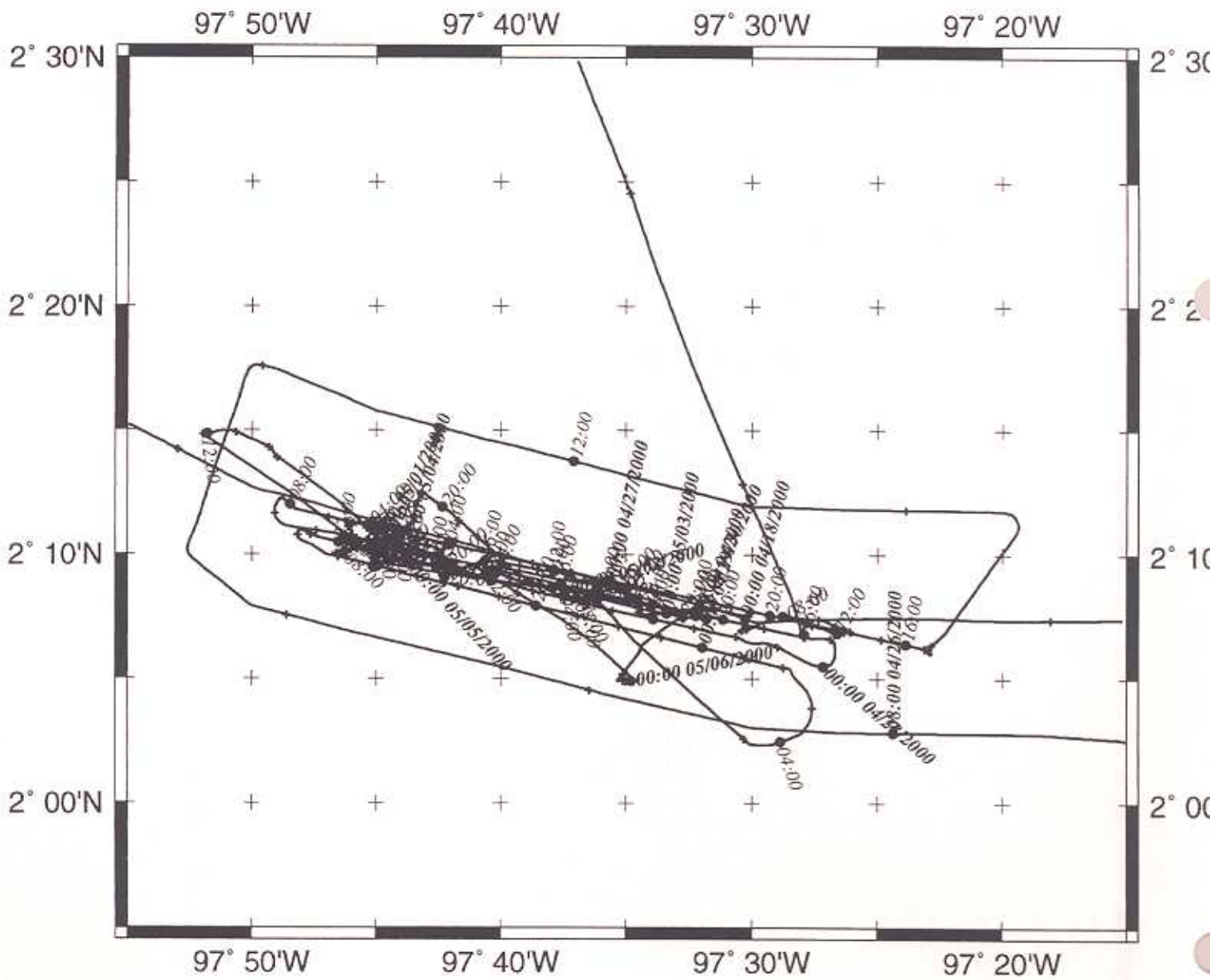
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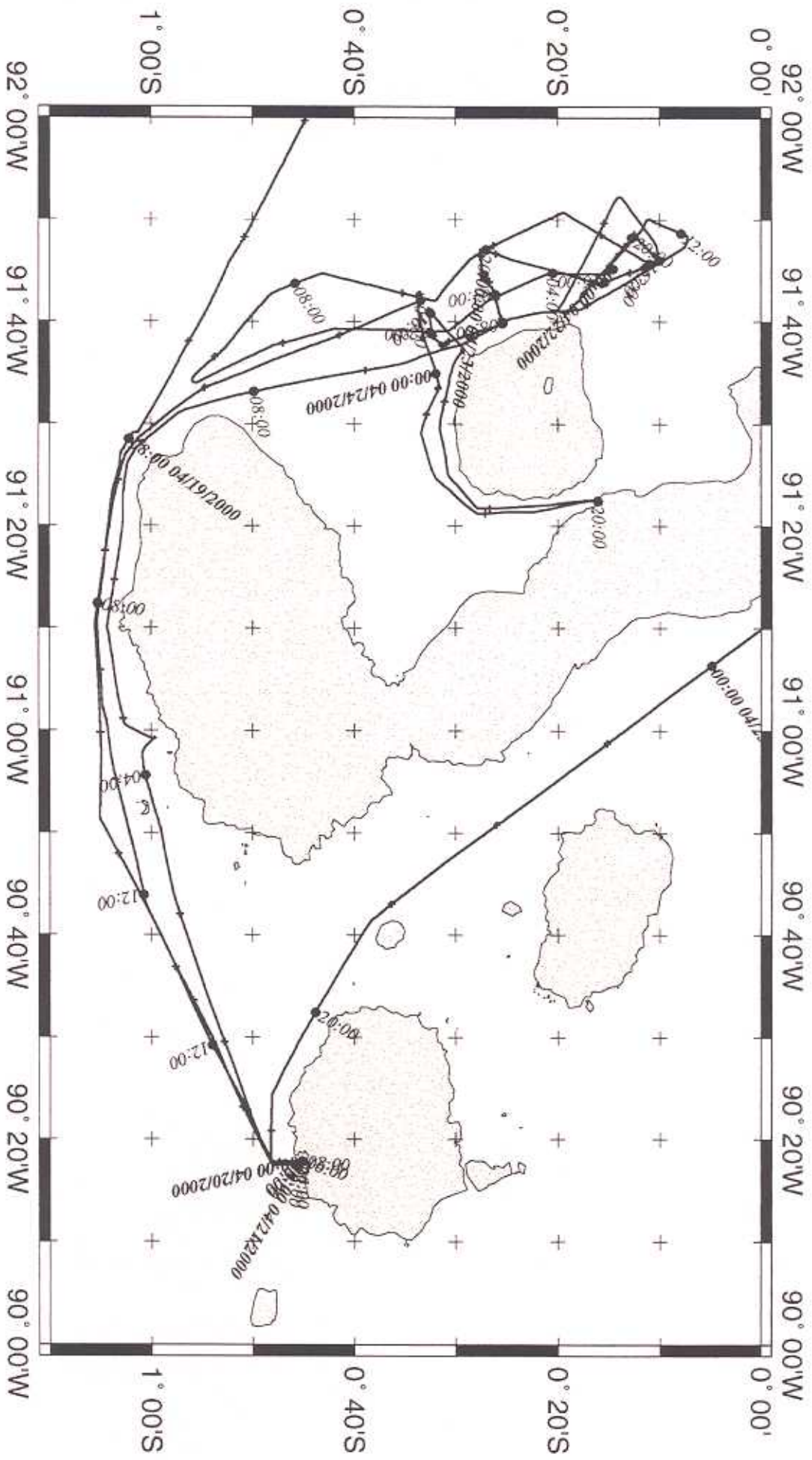
NEMO Leg 2 Survey.3



NEMO Leg 2 Survey.4

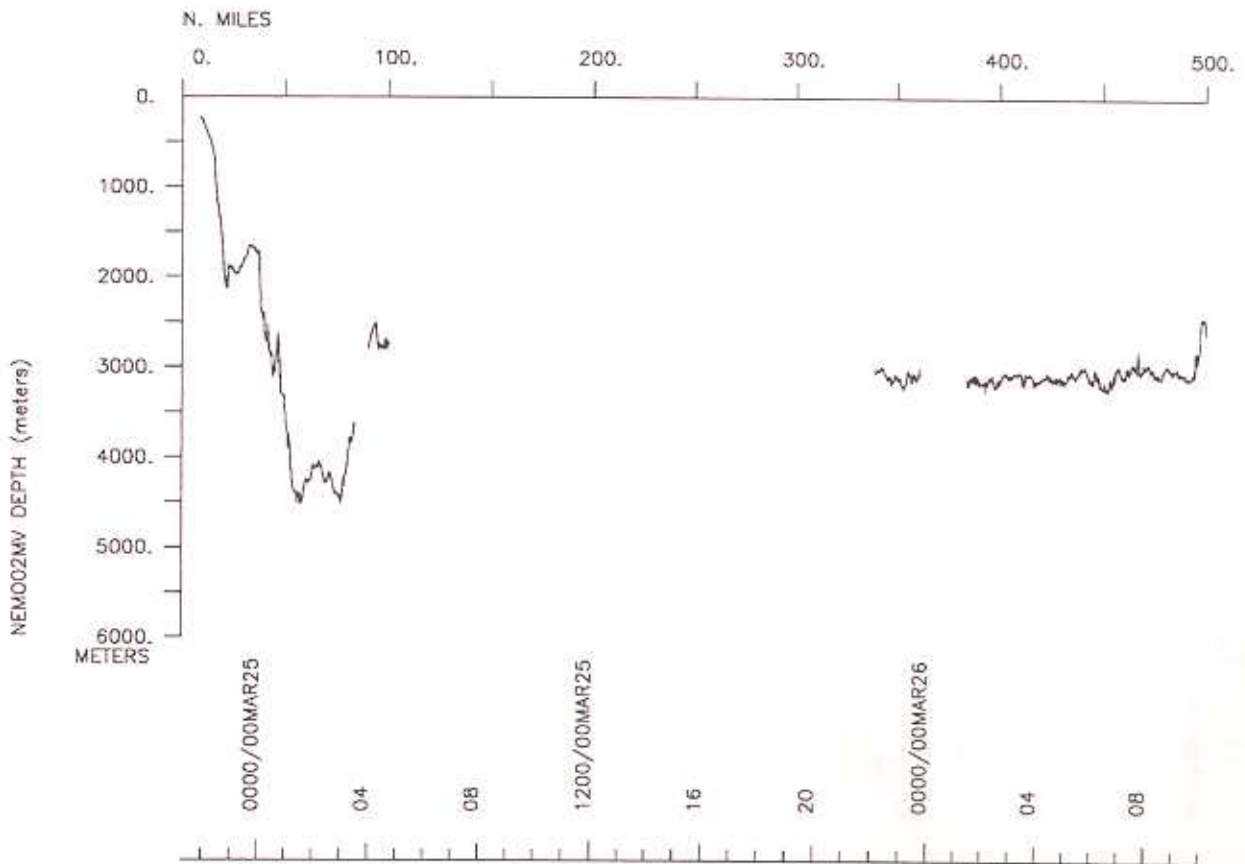
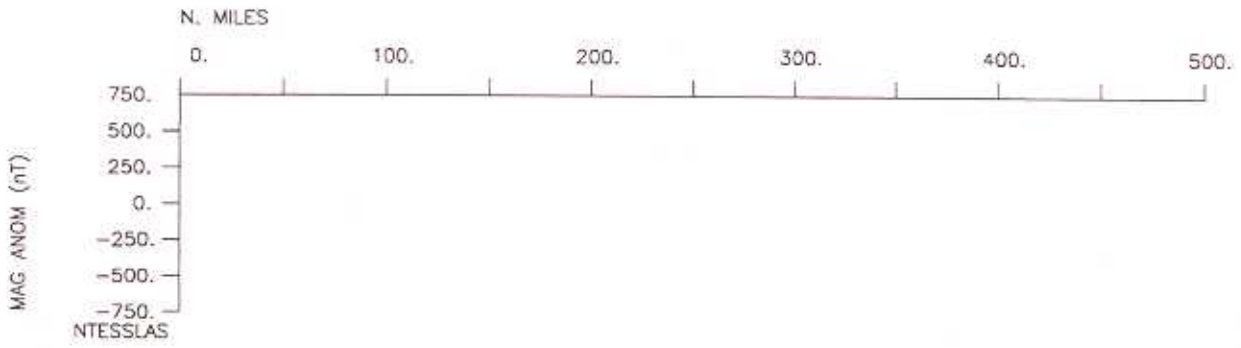
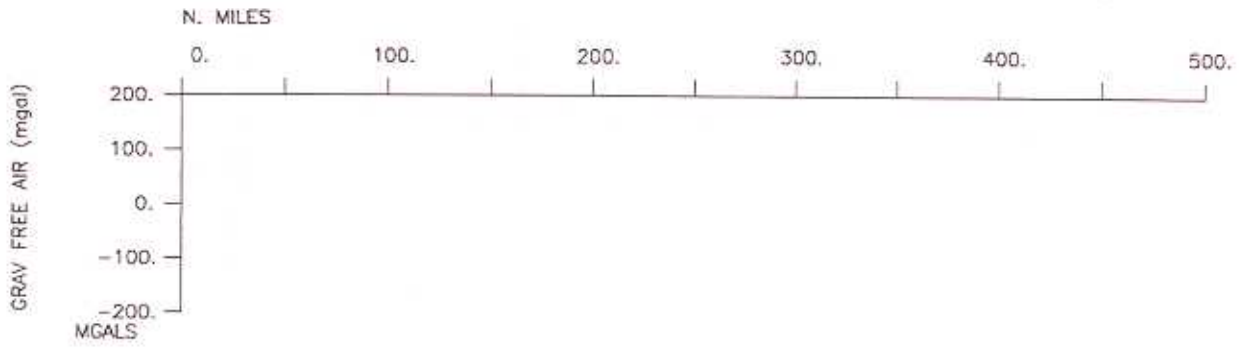


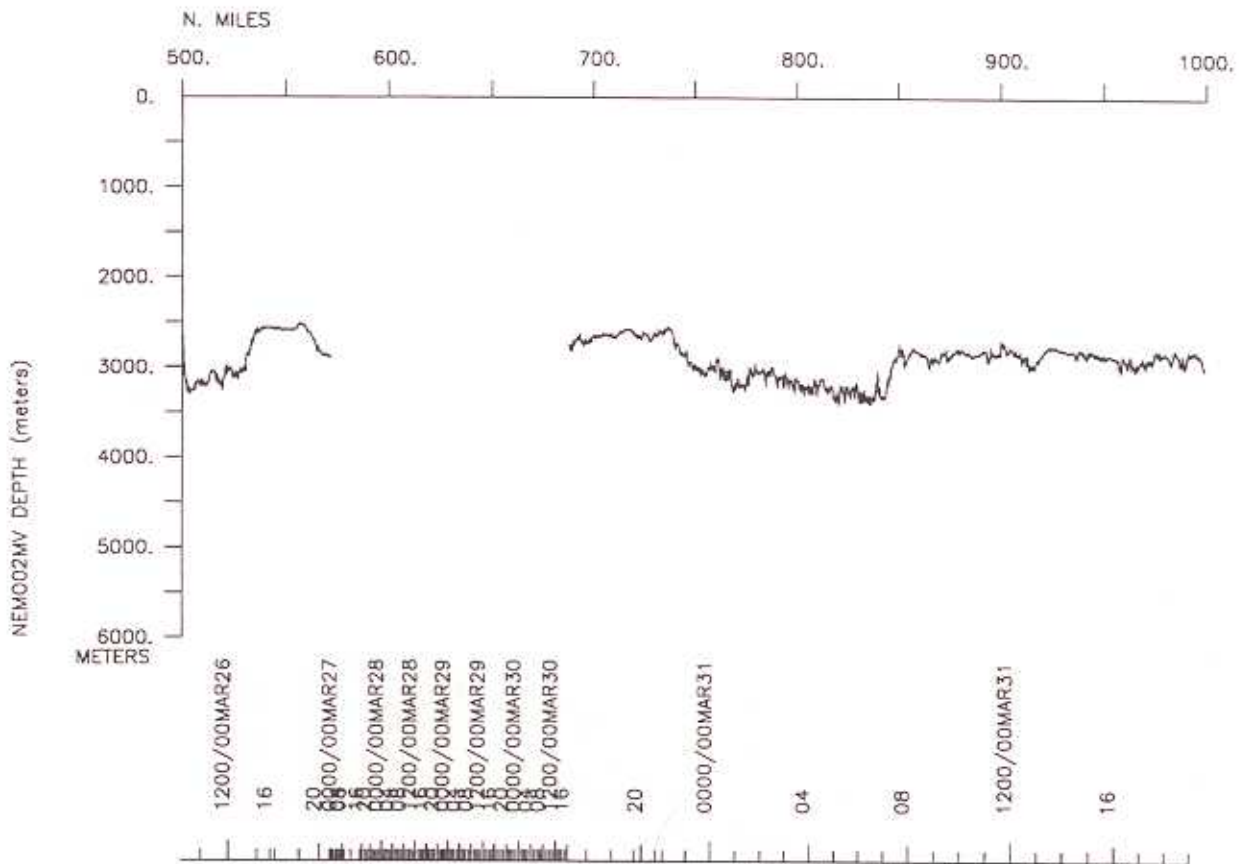
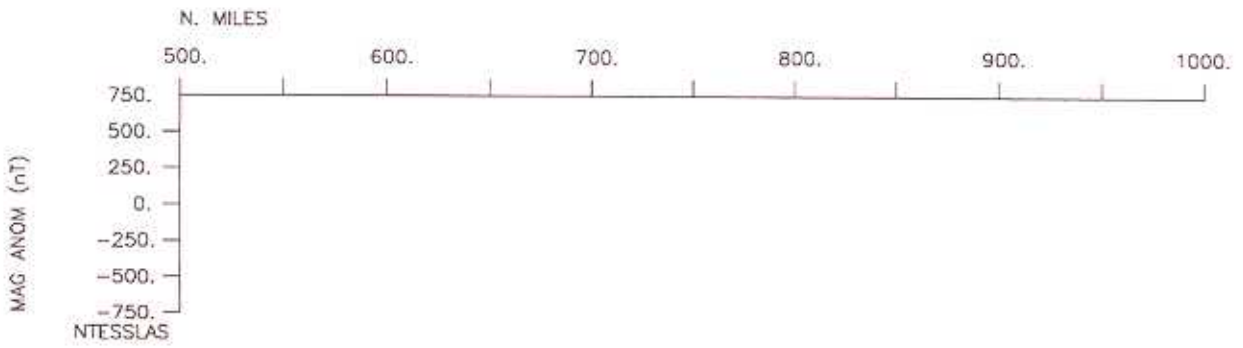
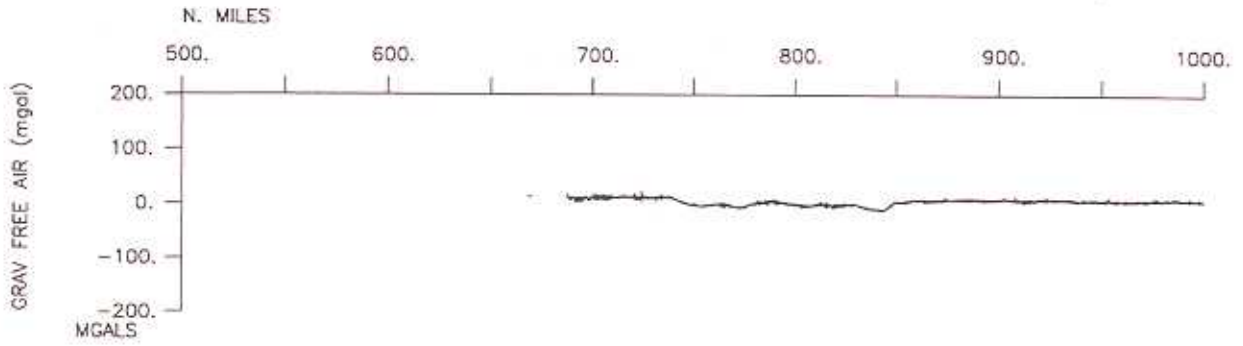
NEMO Leg 2 Survey.5

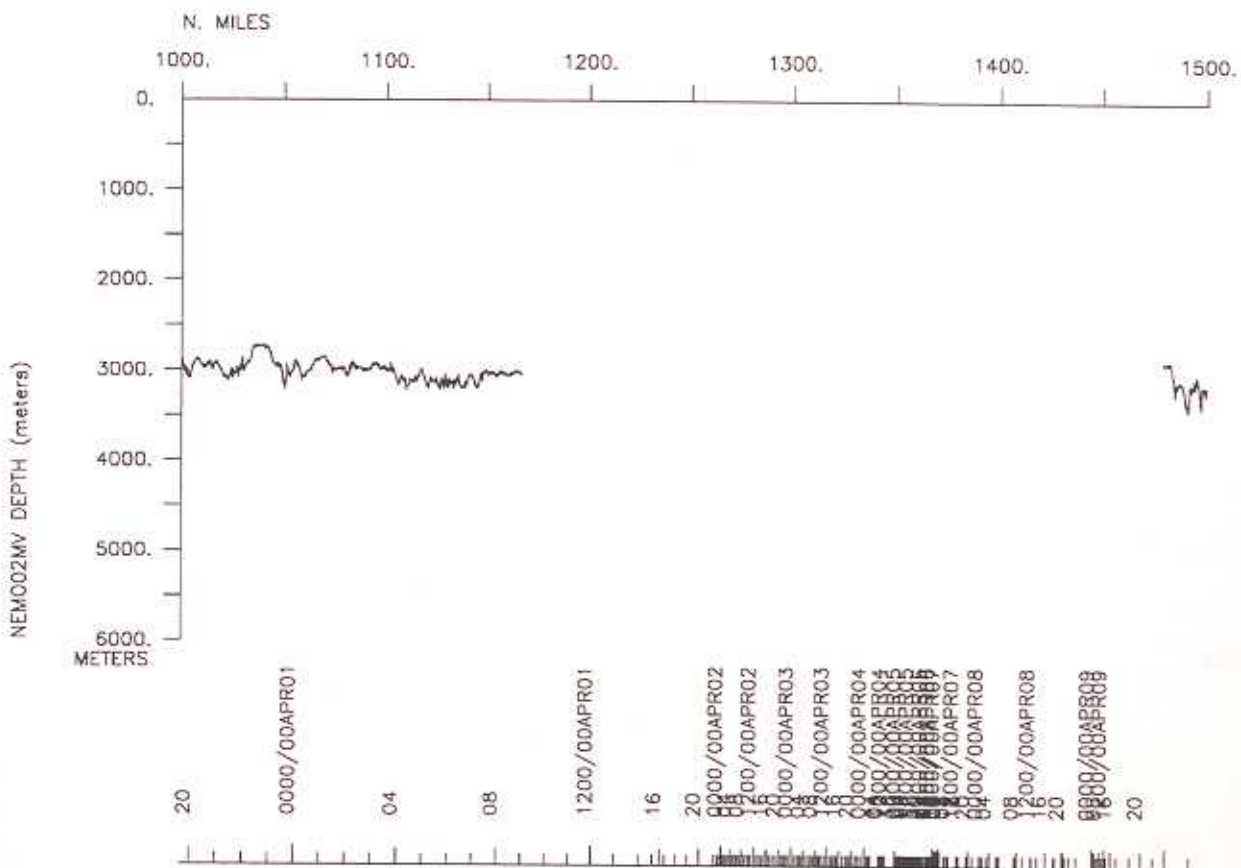
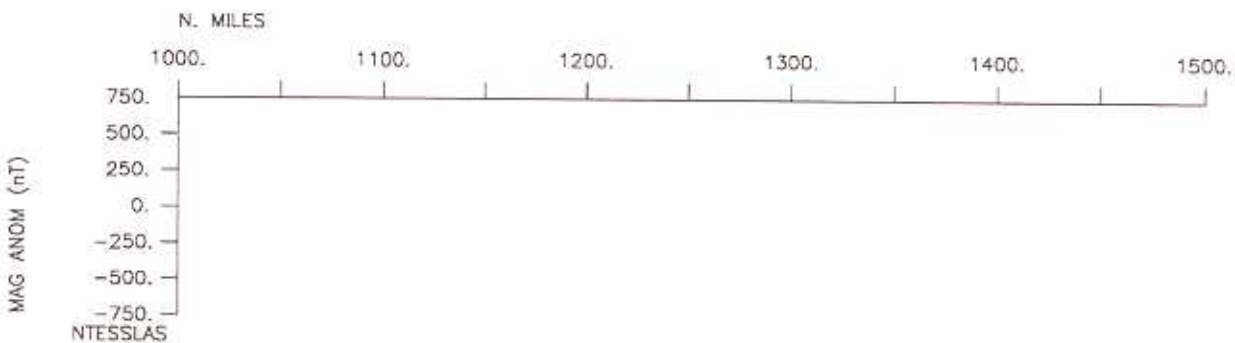
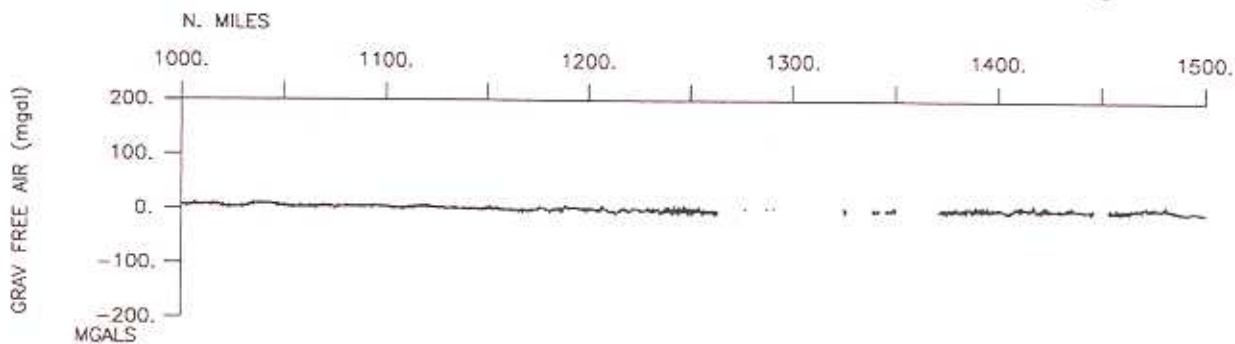


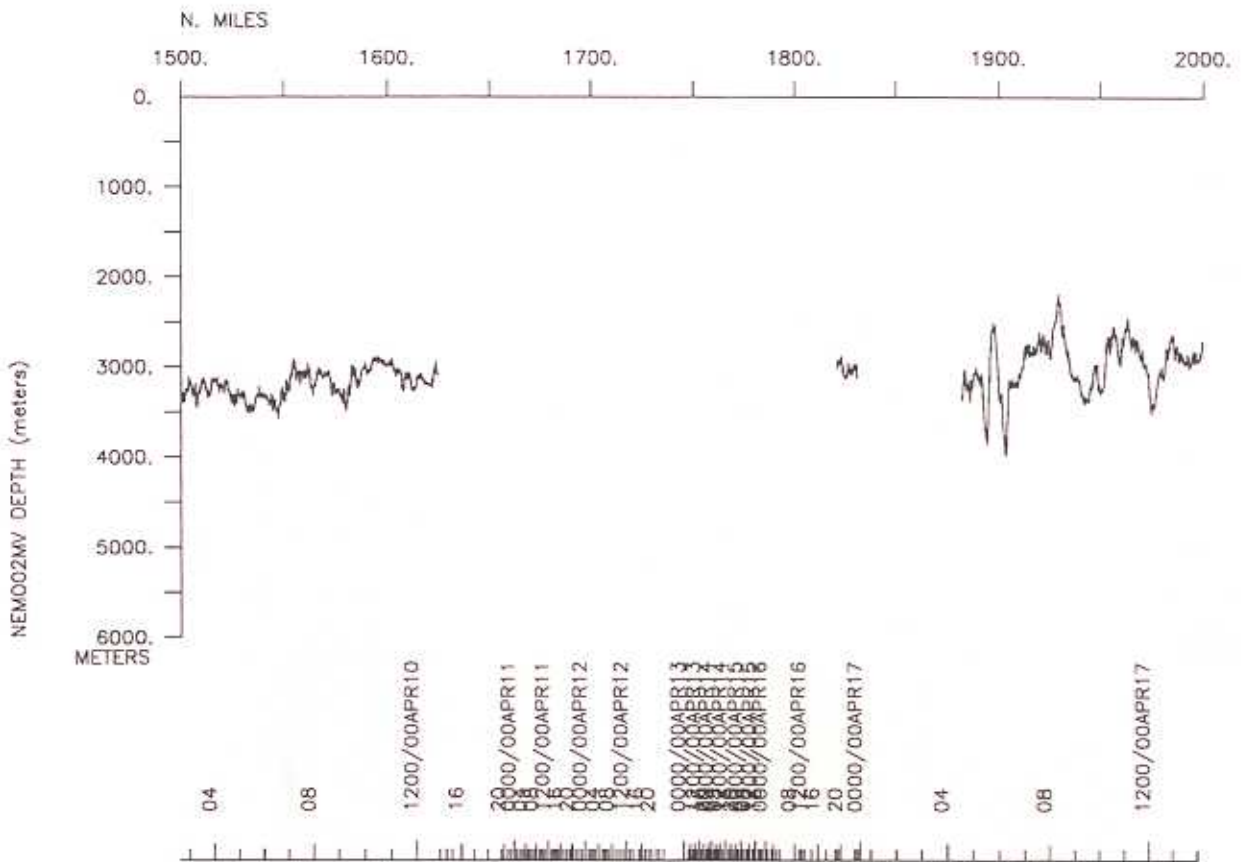
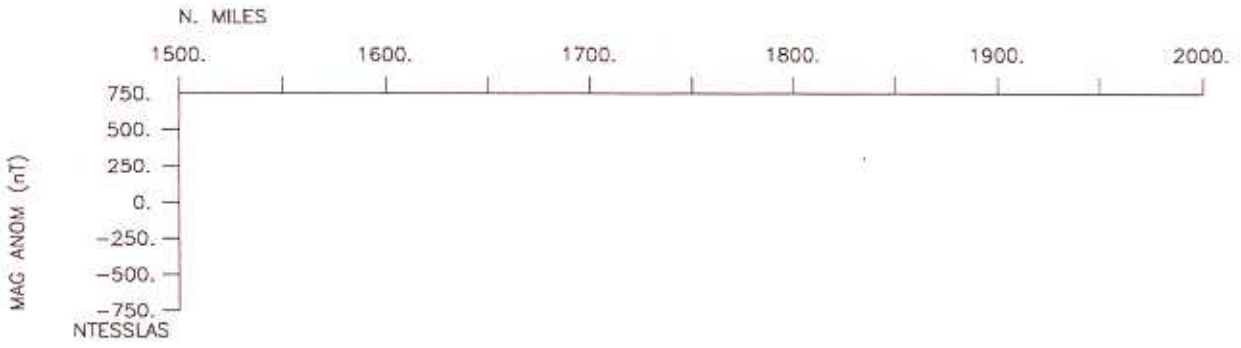
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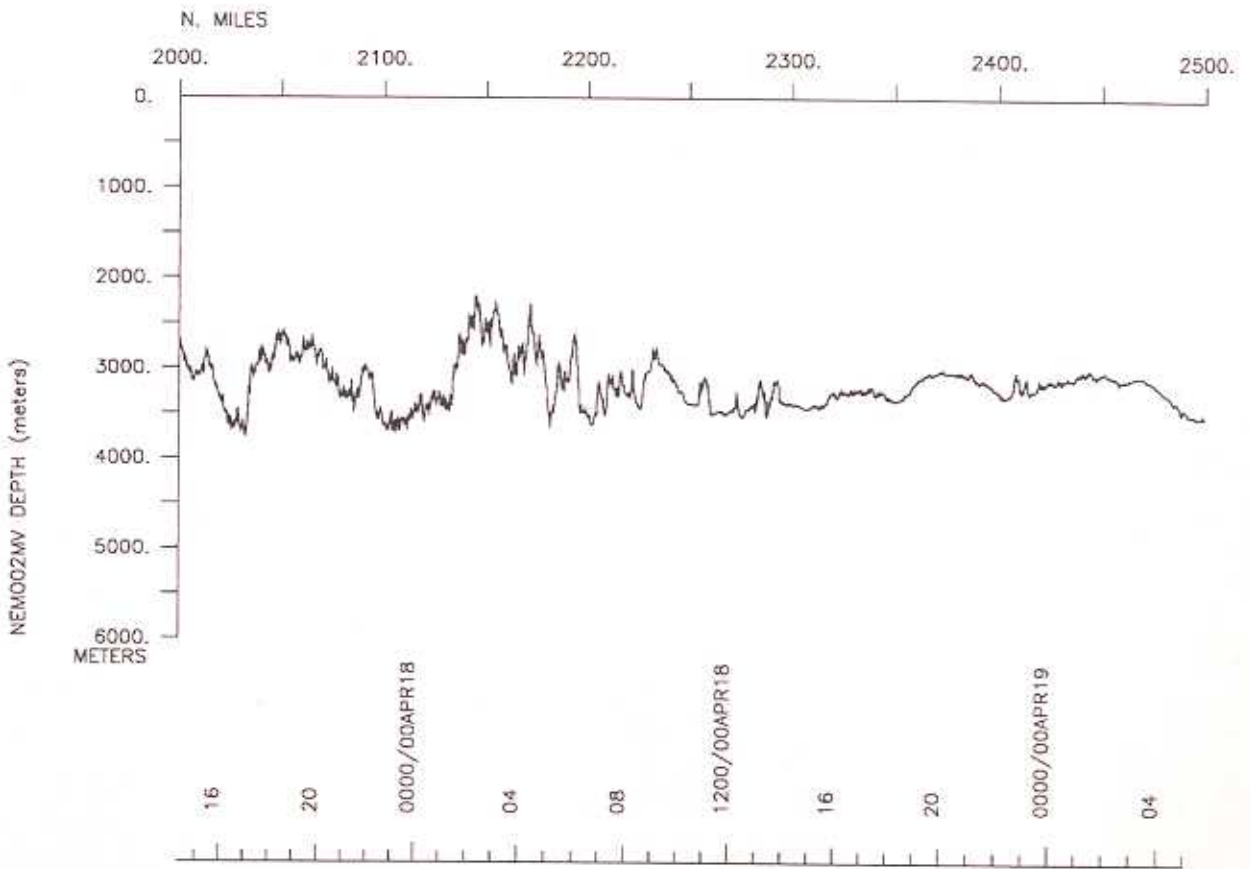
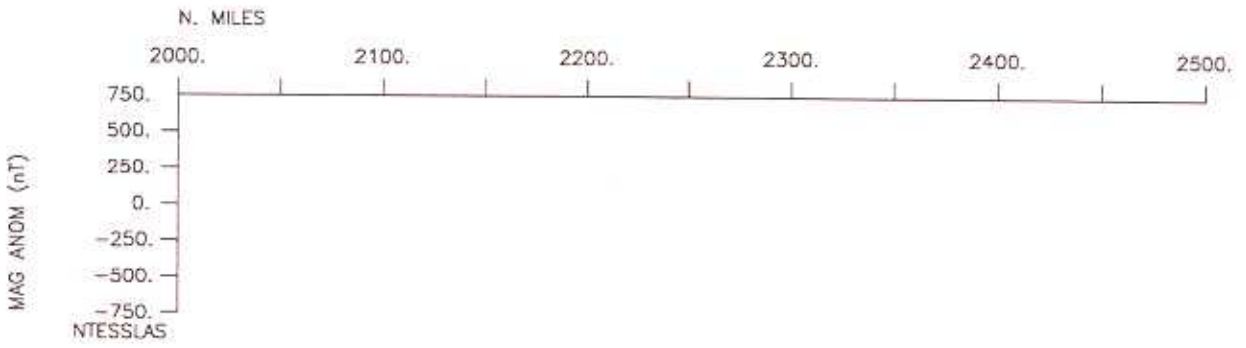
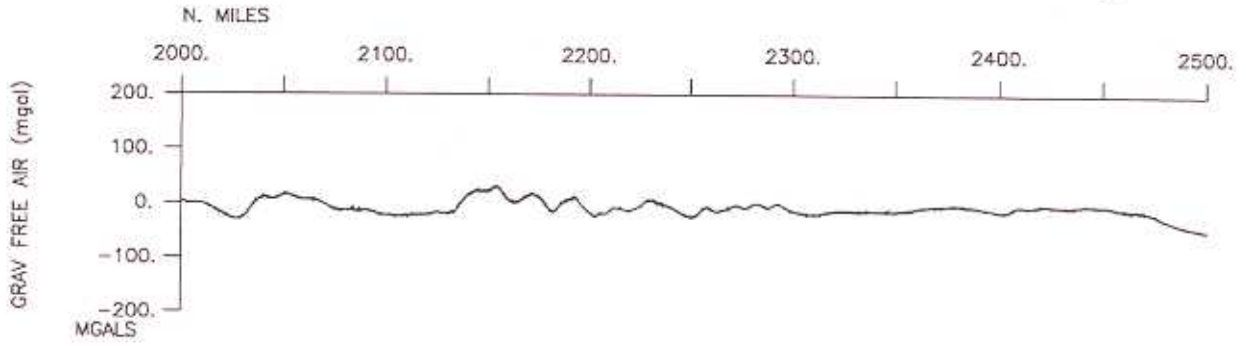
Manzanillo - Manzanillo, Mexico 24 March - 10 May 2000 :

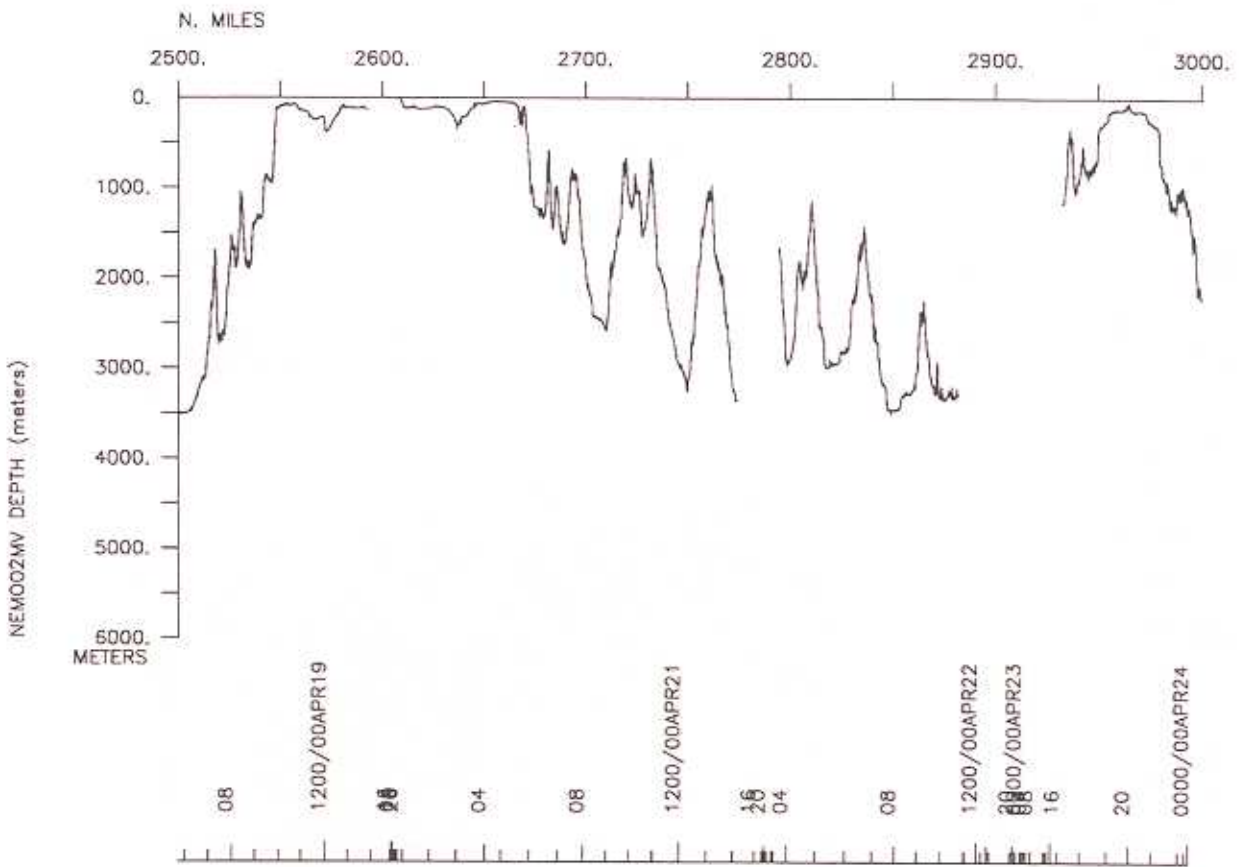
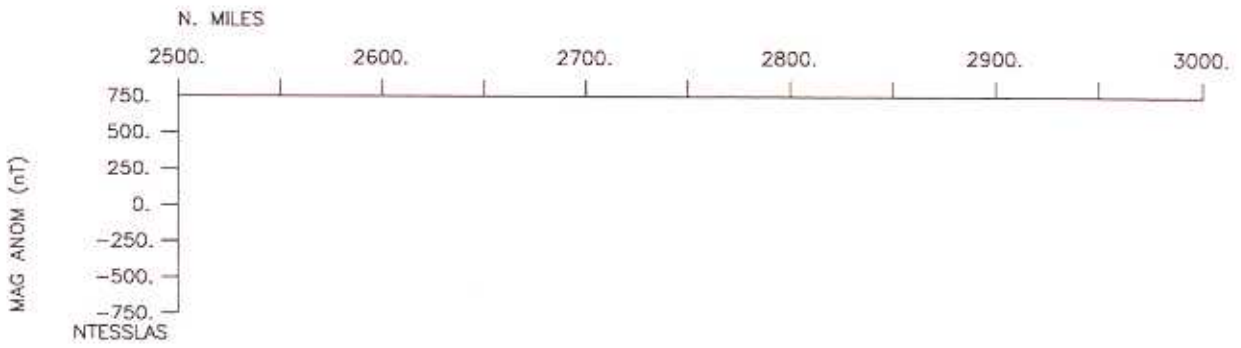
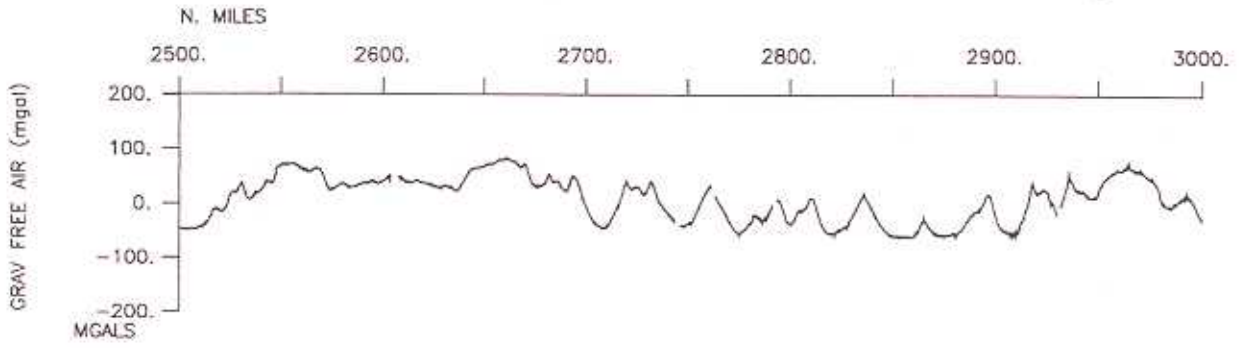


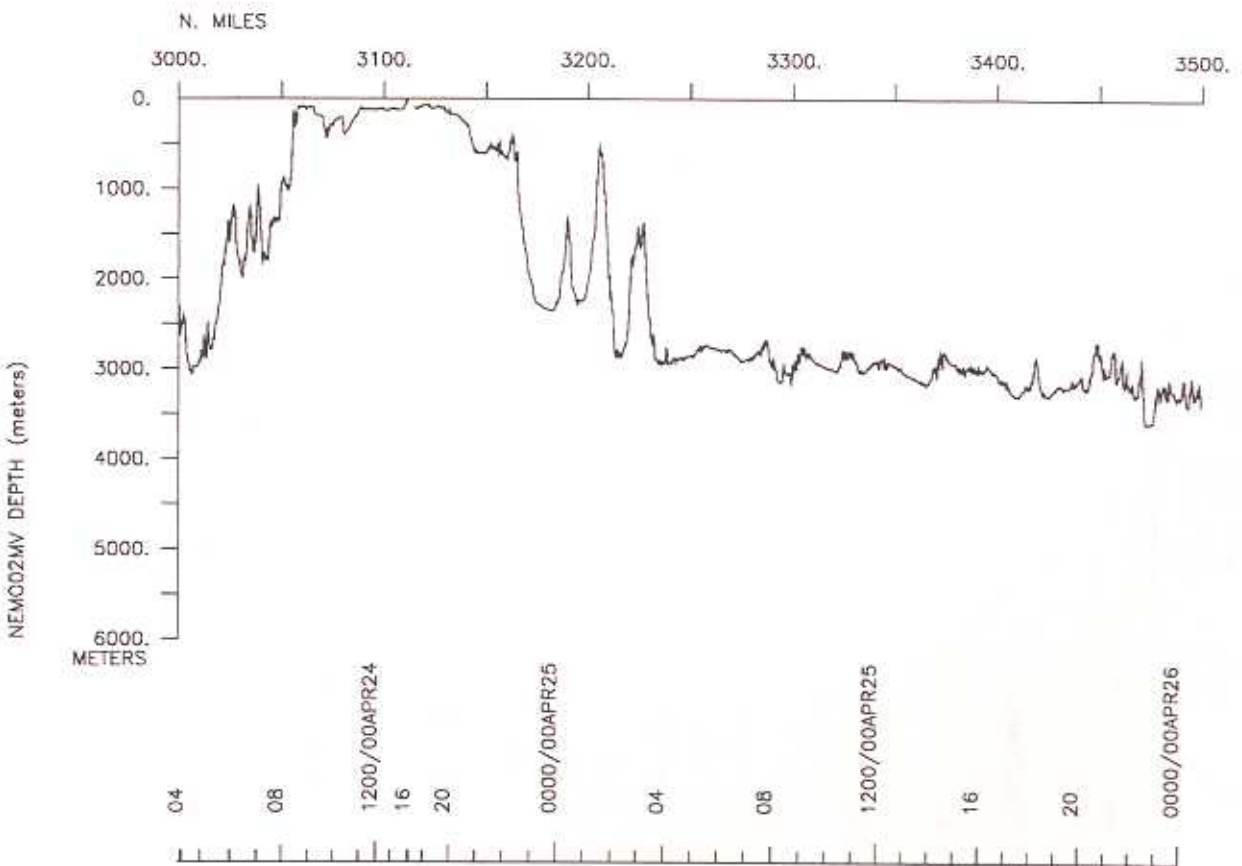
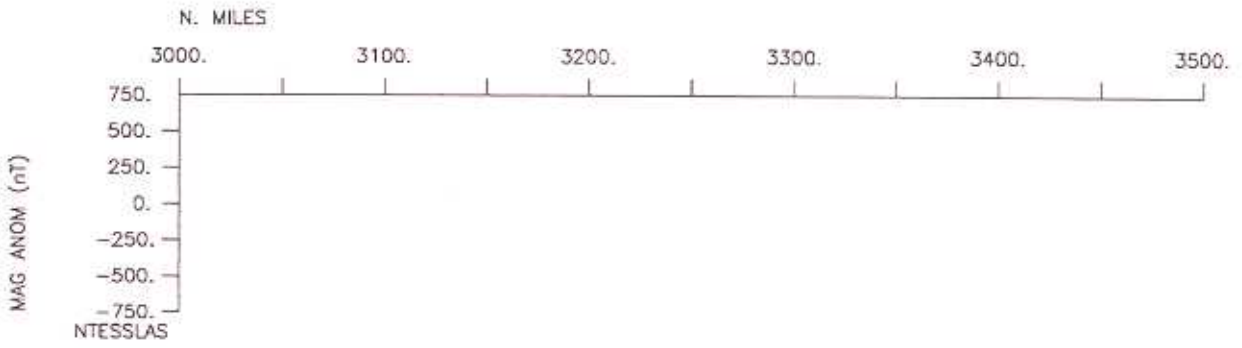
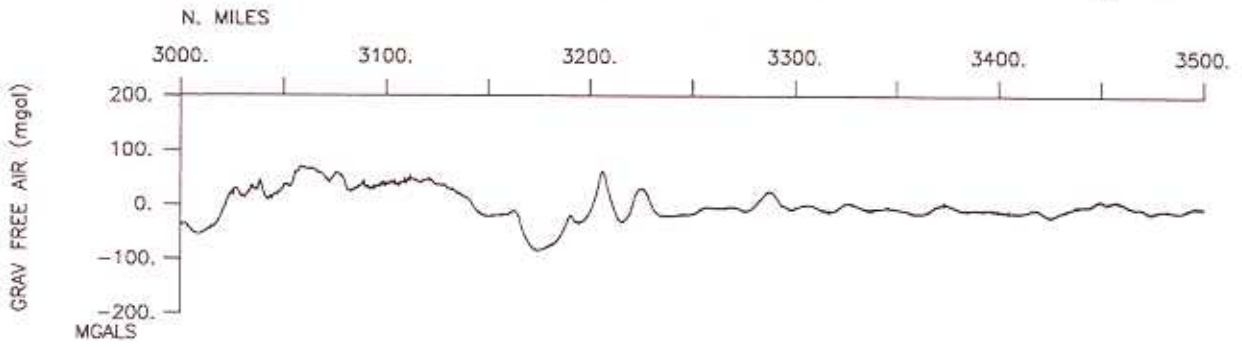


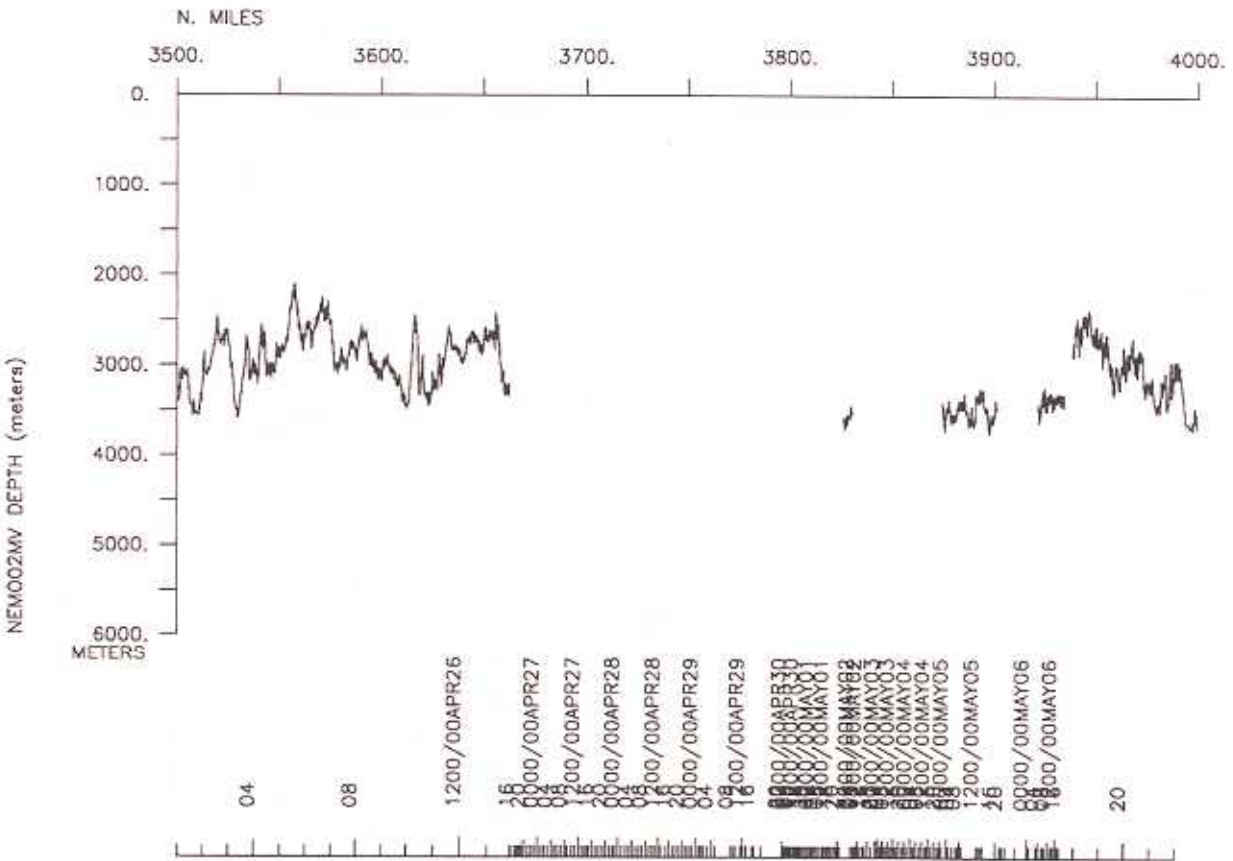
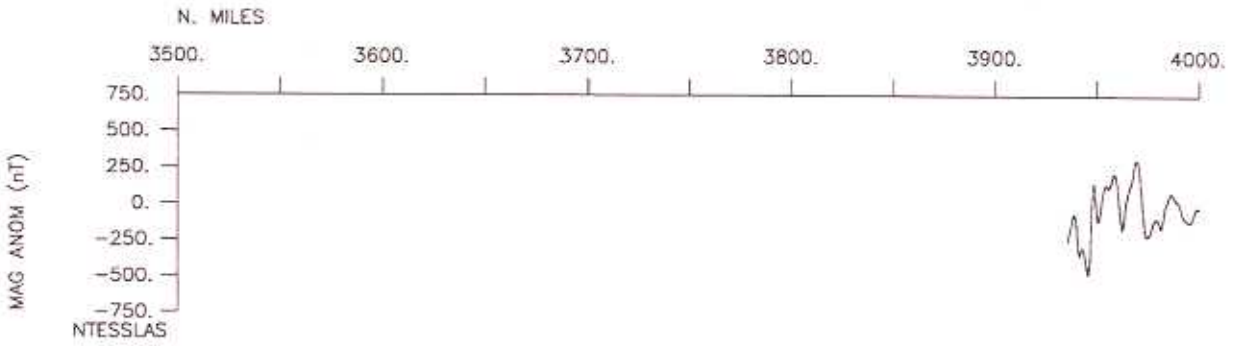
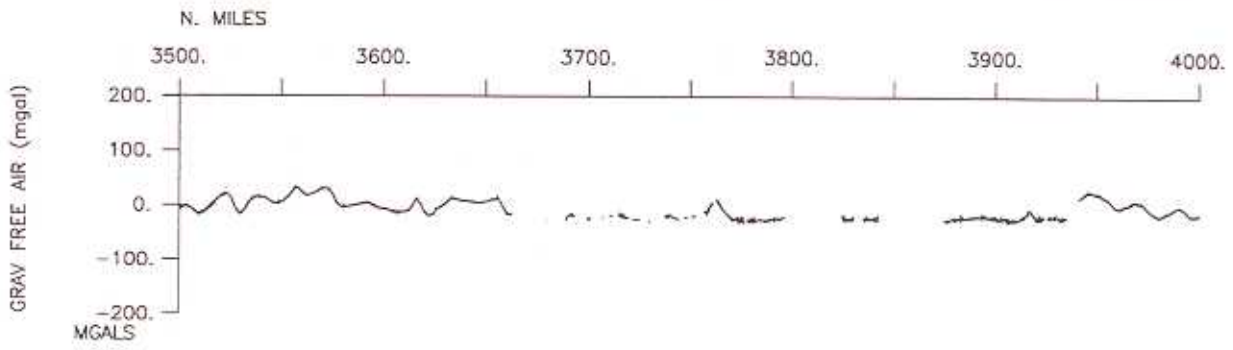


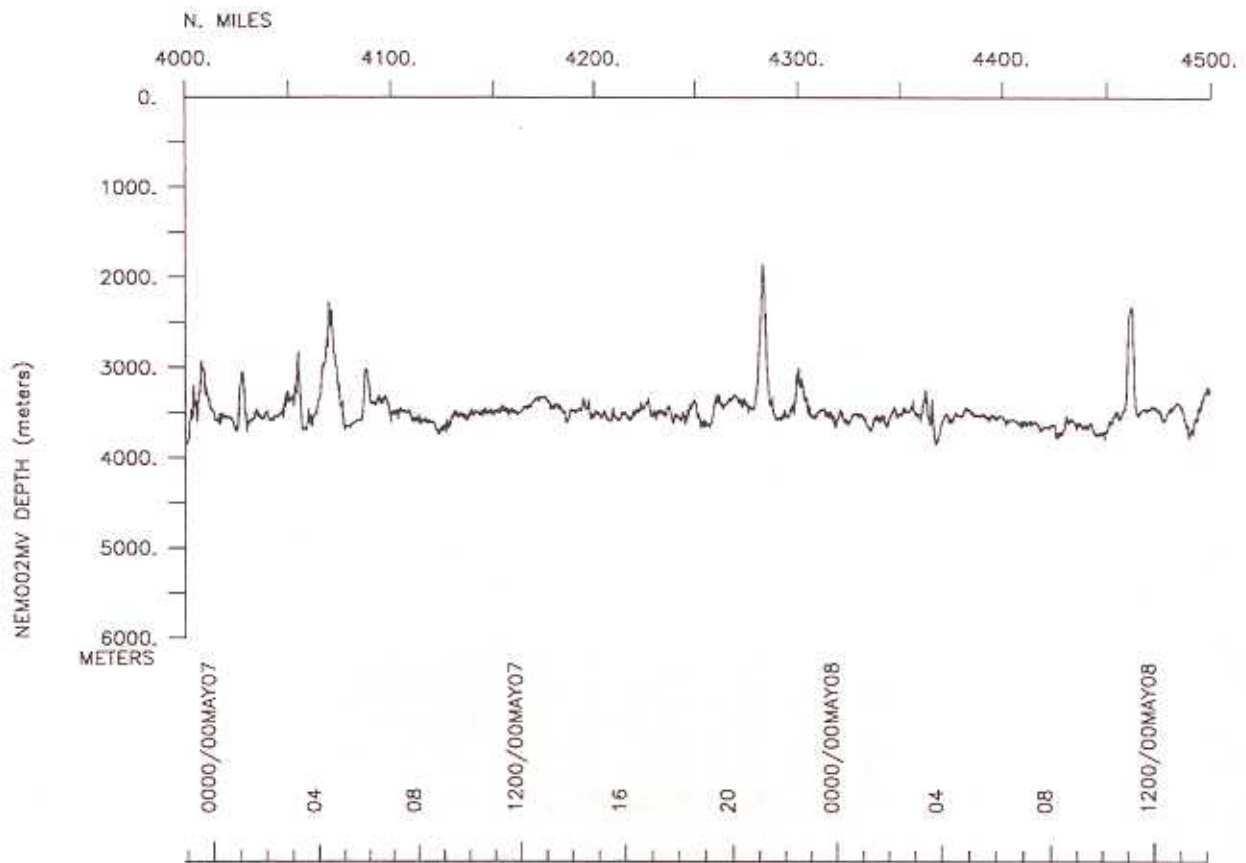
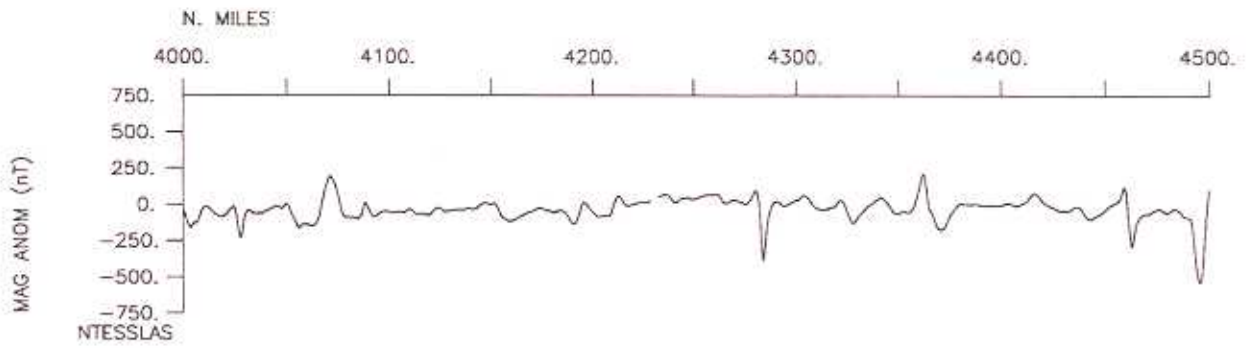
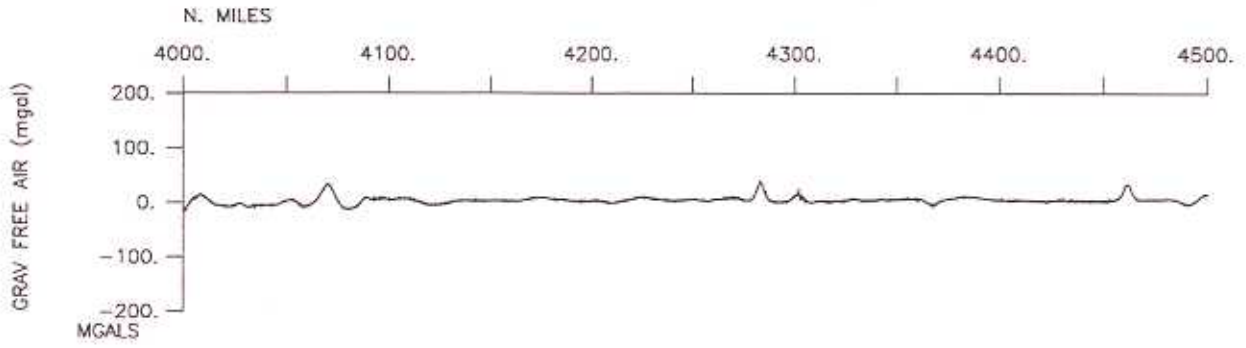


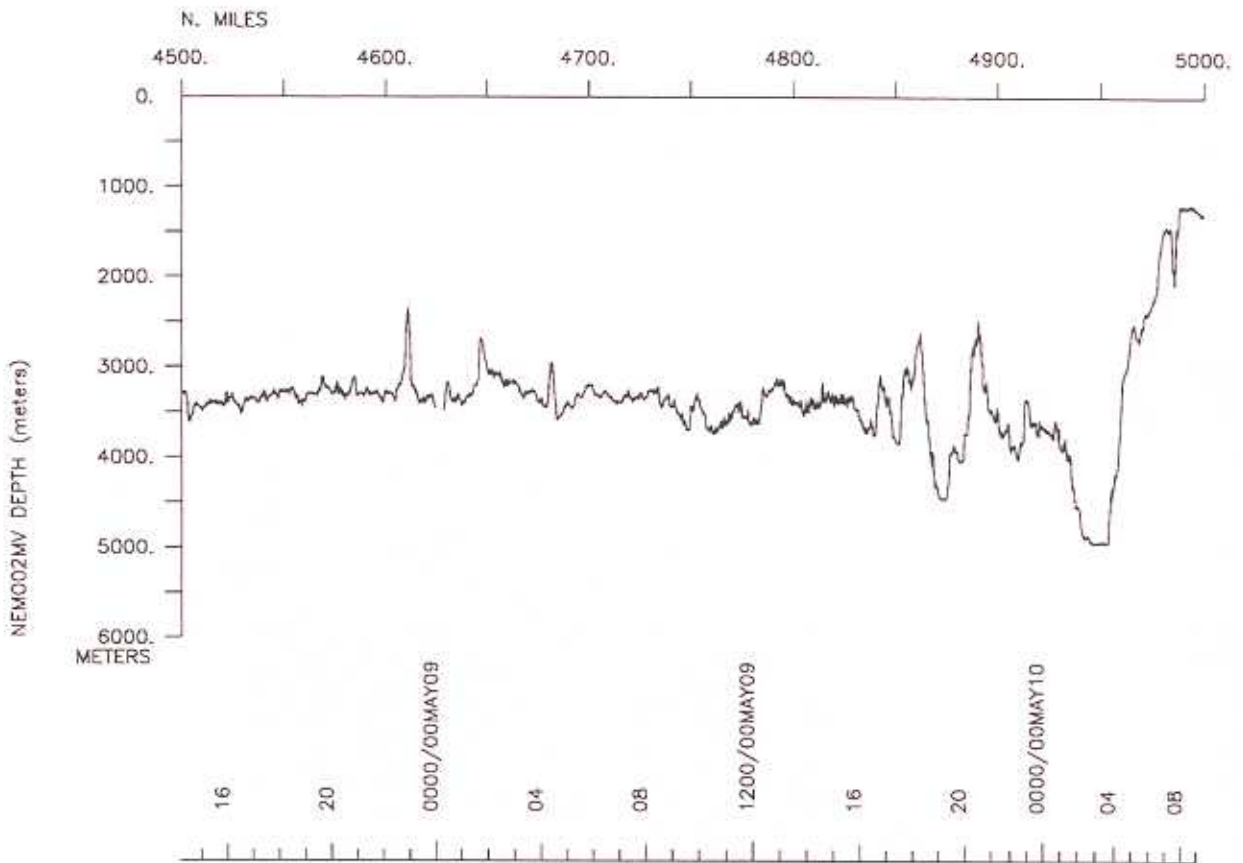
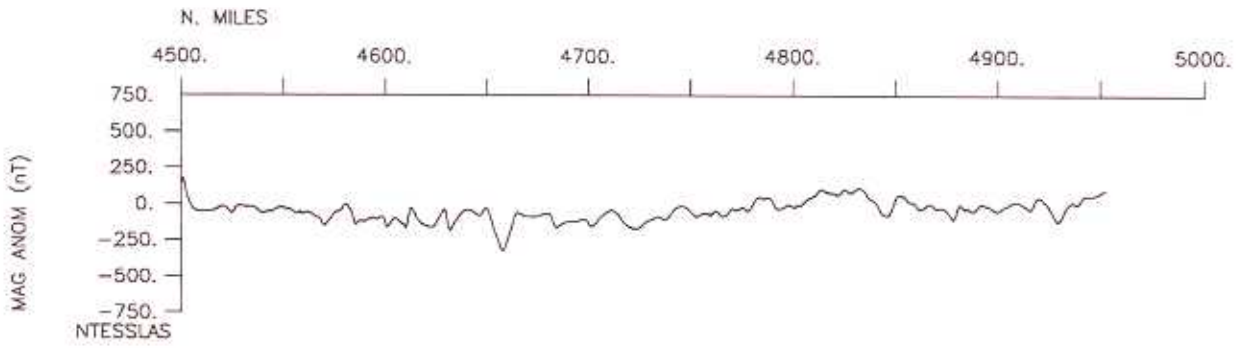
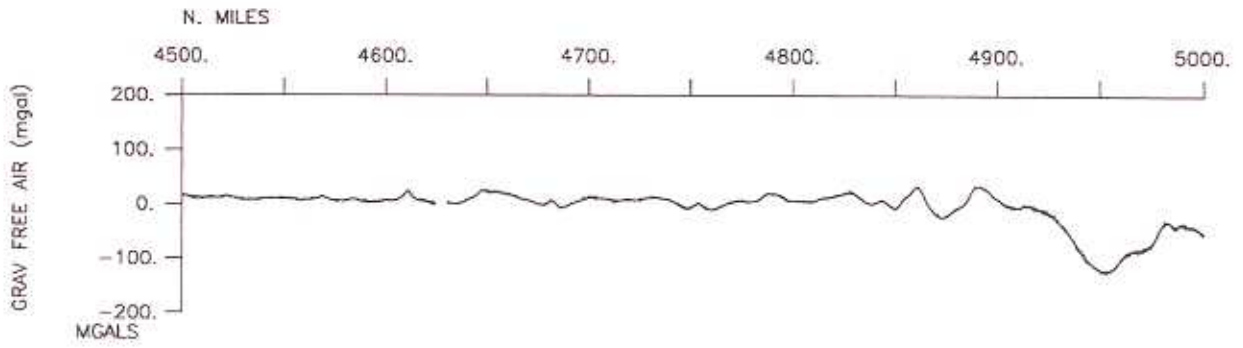


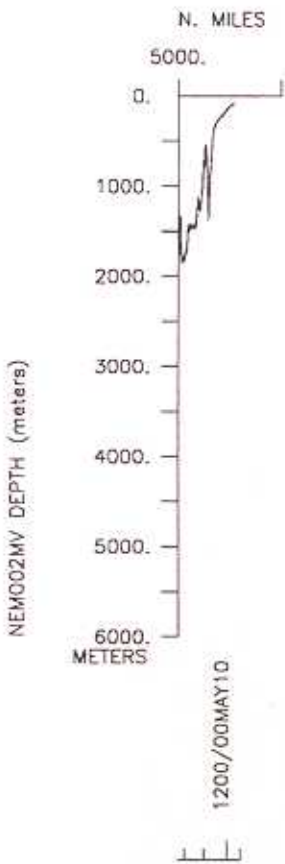
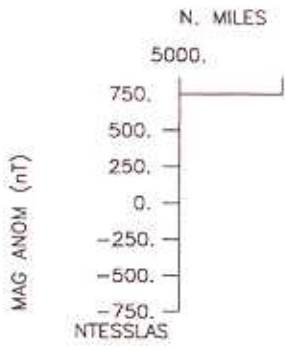
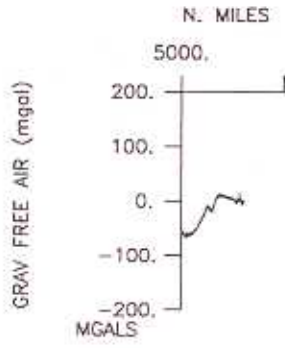












S.I.O. Sample Index

NEMO Expedition

Leg 2

(NEMO02MV)

R/V Melville

(Issued August 2000)

PORTS:

Manzanillo, Mexico (24 March 2000)
to
Manzanillo, Mexico (10 May 2000)

Chief Scientist:

Daniel Fornari, Woods Hole

The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the resident marine technician and processed on shore by the S.I.O. Geological Data Center shortly after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending at another are entered on two consecutive lines. Disposition and sample type are represented by three and four character codes to permit future computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise ID# 292

**** Ports ***

2051	240300	0	LGPT	B	Manzanillo, Mexico	19-03.31N	104-18.84W	g	NEMO02MV
1300	100500	0	LGPT	E	Manzanillo, Mexico	2-07.53N	97-32.24W	g	NEMO02MV
1500	190400	0	LGSS	B	Santa Cruz Is., Galapagos	0-45.14S	90-17.88W	g	NEMO02MV
0042	210400	0	LGSS	E	Santa Cruz Is., Galapagos	0-45.16S	90-17.84W	g	NEMO02MV
1413	240400	0	LGSS	B	Santa Cruz Is., Galapagos	0-45.21S	90-17.85W	g	NEMO02MV
1824	240400	0	LGSS	E	Santa Cruz Is., Galapagos	0-45.23S	90-17.87W	g	NEMO02MV

**** Personnel ***

#	*****Name*****	*****Title*****	*****Affiliation*****	**Crid**
PECS	WHOI Fornari, D.	Chief scientist	Woods Hole	NEMO02MV
PECS	SIX Perfit, M.	Co-chief sci.	U. of Florida	NEMO02MV
PECS	LDEO Tolstoy, M.	Co-chief sci.	Lamont Doherty	NEMO02MV
PESP	UCSB Haymon, R.	Scientist	U.C. Santa Barbara	NEMO02MV
PESP	BRNU Scheirer, D.	Scientist	Brown University	NEMO02MV
PEST	UHI Kurras, G.	Grad. student	Univ. of Hawaii	NEMO02MV
PESP	UHI Johnson, P.	Data processor	Univ. of Hawaii	NEMO02MV
PESP	OSU Getsiv, J.	Data processor	Oregon State U.	NEMO02MV
PESP	SIX Todd, E.	Student	U. of Florida	NEMO02MV
PEST	UCSB White, S.	Grad. student	U.C. Santa Barbara	NEMO02MV
PEST	UCSB Gans, K.	Grad. student	U.C. Santa Barbara	NEMO02MV
PEST	UCSB Haskell, T.	Student	U.C. Santa Barbara	NEMO02MV
PEST	GBN Wigham, B.	Scientist	Southampton Ocean.	NEMO02MV
PEST	GBN Williams, C.	Student	Univ. of Leeds	NEMO02MV
PEST	GBN Lean, P.	Student	Univ. of Leeds	NEMO02MV
PEST	GBN Jead, T.	Student	Univ. of Leeds	NEMO02MV
PEST	GBN Burgess, J.	Student	Univ. of Leeds	NEMO02MV
PESP	WHOI Crook, T.	Technician	Woods Hole	NEMO02MV
PESP	WHOI Bernard, PJ	Technician	Woods Hole	NEMO02MV
PESP	WHOI Elder, R.	Technician	Woods Hole	NEMO02MV
PESP	WHOI Gegg, S.	Technician	Woods Hole	NEMO02MV
PESP	WHOI Keeler, J.	Technician	Woods Hole	NEMO02MV
PESP	WHOI Kurz, M.	Scientist	Woods Hole	NEMO02MV
PESP	WHOI Curtice, J.	Scientist	Woods Hole	NEMO02MV
PESP	WHOI Elder, C.	Technician	Woods Hole	NEMO02MV
PESP	STS Peckman, U.	Seabeam processor	Scripps Institution	NEMO02MV
PERT	STS Comer, R.	Resident tech.	Scripps Institution	NEMO02MV
PECT	STS Charters, J.	Computer engineer	Scripps Institution	NEMO02MV
PEMT	STS Dickau, R.	Marine technician	Scripps Institution	NEMO02MV
PEET	STS Palomares, R.	Electronics tech.	Scripps Institution	NEMO02MV
PEXN	EDR Santana, E.	Observer	Ecuador	NEMO02MV
PEXN	EDR Llerena, W.	Observer	Ecuador	NEMO02MV
PEXN	EDR Manjarrez, S.	Observer	Ecuador	NEMO02MV

**** NOTES ***

#An 'X' in the (B)egin/(E)nd column following the sample code indicates no sample or data recovered. A 'C' indicates continuation of data collection #from before the beginning or after the end of a particular leg, (moored #bottom instruments, for example.) The number appearing in the columns #between the sample identifier and the disposition code, for many sample #entries, is the water depth in corrected meters.

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	----	---	---	-----	----	-----	-----			-----

*** Underway Data Curator - Geological Data Center ext. 41899 *

*** Log Books ***

2132	240300	0	LBUW	B underway watch log	GDC	19-02.24N	104-21.11W	g	NEMO02MV
1235	090500	0	LBUW	E underway watch log	GDC	15-21.15N	102-49.38W	g	NEMO02MV

*** Echo Sounder Records ***

2307	240300	0	DPR3	B 3.5kHz record r-01	GDC	18-41.10N	104-20.99W	g	NEMO02MV
2040	150400	0	DPR3	E 3.5kHz record r-01	GDC	1-41.55N	102-16.84W	g	NEMO02MV
2150	150400	0	DPR3	B 3.5kHz record r-02	GDC	1-41.49N	102-16.83W	g	NEMO02MV
0855	230400	0	DPR3	E 3.5kHz record r-02	GDC	0-29.74S	91-38.42W	g	NEMO02MV
0925	230400	0	DPR3	B 3.5kHz record r-04	GDC	0-31.57S	91-37.70W	g	NEMO02MV
1729	290400	0	DPR3	E 3.5kHz record r-04	GDC	2-09.83N	97-45.00W	g	NEMO02MV
2305	010500	0	DPR3	B 3.5kHz record r-04	GDC	2-08.29N	97-37.30W	g	NEMO02MV
1020	050500	0	DPR3	E 3.5kHz record r-04	GDC	2-12.54N	97-48.57W	g	NEMO02MV

*** Sea Beam Records (vertical beam and side scan) ***

2132	240300	0	MBSR	B v.beam&sidescan r-01	GDC	19-02.24N	104-21.11W	g	NEMO02MV
2012	230400	0	MBSR	E v.beam&sidescan r-01	GDC	0-17.21S	91-22.50W	g	NEMO02MV
2015	230400	0	MBSR	B v.beam&sidescan r-02	GDC	0-17.78S	91-22.38W	g	NEMO02MV
1235	100500	0	MBSR	E v.beam&sidescan r-02	GDC	19-03.90N	104-19.69W	g	NEMO02MV

*** Deep Submersible Tethered Vehicle ***

2142	250300	0	DPXX	B launched DSL 120	1	WHOI	13-34.75N	104-21.40W	g	NEMO02MV
0436	260300	0	DPXX	E recovered DSL 120	1	WHOI	12-01.55N	104-21.45W	g	NEMO02MV
1442	260300	0	DPXX	B launched DSL 120	2	WHOI	10-04.00N	104-20.15W	g	NEMO02MV
1600	300300	0	DPXX	E recovered DSL 120	2	WHOI	9-03.84N	104-10.76W	g	NEMO02MV
2130	010400	0	DPXX	B launched DSL 120	3	WHOI	3-32.69N	102-13.32W	g	NEMO02MV
0214	040400	0	DPXX	E recovered DSL 120	3	WHOI	3-29.97N	102-15.32W	g	NEMO02MV
1914	100400	0	DPXX	B launched DSL 120	4	WHOI	1-35.41N	102-15.60W	g	NEMO02MV
2235	120400	0	DPXX	E recovered DSL 120	4	WHOI	1-53.60N	102-13.49W	g	NEMO02MV
1410	260400	0	DPXX	B launched DSL 120	5	WHOI	2-06.27N	97-22.92W	g	NEMO02MV
0450	290400	0	DPXX	E recovered DSL 120	5	WHOI	2-02.36N	97-29.95W	g	NEMO02MV
1717	040400	0	DPXX	B launched Argo II	1	WHOI	3-22.00N	102-14.50W	g	NEMO02MV
2126	060400	0	DPXX	E recovered Argo II	1	WHOI	3-23.40N	102-14.47W	g	NEMO02MV
0000	090400	0	DPXX	B launched Argo II	2	WHOI	3-25.50N	102-14.01W	g	NEMO02MV
1500	090400	0	DPXX	E recovered Argo II	2	WHOI	3-25.34N	102-14.25W	g	NEMO02MV
1242	130400	0	DPXX	B launched Argo II	3	WHOI	1-43.90N	102-16.97W	g	NEMO02MV
0229	150400	0	DPXX	E recovered Argo II	3	WHOI	1-41.11N	102-16.28W	g	NEMO02MV
2012	290400	0	DPXX	B launched Argo II	4	WHOI	2-07.43N	97-31.79W	g	NEMO02MV
2054	010500	0	DPXX	E recovered Argo II	4	WHOI	2-11.59N	97-41.91W	g	NEMO02MV
2010	020500	0	DPXX	B launched Argo II	5	WHOI	2-07.45N	97-32.76W	g	NEMO02MV
2151	040500	0	DPXX	E recovered Argo II	5	WHOI	2-09.54N	97-42.25W	g	NEMO02MV

Magnetics -
Gravity

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#										

*** Temperature, Conductivity, Depth ***

1639	150400	0	TDCT	ctd	1	ODF	1-41.55N	102-16.87W	g	NEMO02MV
1830	150400	0	TDCT	ctd	2	ODF	1-41.55N	102-16.86W	g	NEMO02MV

*** Rock Dredges ***

0459	040400	0	DRRO	rock dredge	1	3280m	WHOI	3-26.45N	102-13.13W	g	NEMO02MV
0835	040400	0	DRRO	rock dredge	2	3200m	WHOI	3-26.66N	102-13.14W	g	NEMO02MV
1216	040400	0	DRRO	rock dredge	3	3219m	WHOI	3-26.78N	102-13.37W	g	NEMO02MV
0041	070400	0	DRRO	rock dredge	4	3060m	WHOI	3-23.30N	102-14.31W	g	NEMO02MV
0353	070400	0	DRRO	rock dredge	5	3060m	WHOI	3-23.28N	102-14.38W	g	NEMO02MV
0730	070400	0	DRRO	rock dredge	6	3180m	WHOI	3-26.84N	102-13.80W	g	NEMO02MV
1159	070400	0	DRRO	rock dredge	7	3080m	WHOI	3-23.18N	102-14.46W	g	NEMO02MV
1829	070400	0	DRRO	rock dredge	8	3177m	WHOI	3-19.98N	102-12.93W	g	NEMO02MV
0124	130400	0	DRRO	rock dredge	9	2870m	WHOI	1-42.24N	102-17.02W	g	NEMO02MV
0618	130400	0	DRRO	rock dredge	10	2875m	WHOI	1-44.25N	102-17.35W	g	NEMO02MV
0952	130400	0	DRRO	rock dredge	11	2900m	WHOI	1-44.31N	102-16.97W	g	NEMO02MV
0421	150400	0	DRRO	rock dredge	12	3050m	WHOI	1-40.28N	102-15.77W	g	NEMO02MV
0836	150400	0	DRRO	rock dredge	13	3010m	WHOI	1-41.03N	102-16.20W	g	NEMO02MV
1226	150400	0	DRRO	rock dredge	14	3010m	WHOI	1-42.89N	102-16.55W	g	NEMO02MV
2224	150400	0	DRRO	rock dredge	15	2880m	WHOI	1-41.51N	102-16.85W	g	NEMO02MV
1357	160400	0	DRRO	rock dredge	16	3054m	WHOI	1-40.63N	102-15.77W	g	NEMO02MV
2218	160400	0	DRRO	rock dredge	17	3365m	WHOI	1-53.10N	102-10.60W	g	NEMO02MV
1552	210400	0	DRRO	rock dredge	18	2540m	WHOI	0-01.00S	91-46.00W	g	NEMO02MV
1918	210400	0	DRRO	rock dredge	19	2960m	WHOI	0-12.50S	91-48.60W	g	NEMO02MV
2250	210400	0	DRRO	rock dredge	20	1840m	WHOI	0-14.91S	91-45.50W	g	NEMO02MV
0158	220400	0	DRRO	rock dredge	21	1740m	WHOI	0-14.72S	91-45.12W	g	NEMO02MV
1228	220400	0	DRRO	rock dredge	22	2390m	WHOI	0-10.98S	91-45.67W	g	NEMO02MV
1605	220400	0	DRRO	rock dredge	23	1479m	WHOI	0-15.36S	91-43.91W	g	NEMO02MV
2029	220400	0	DRRO	rock dredge	24	3260m	WHOI	0-27.00S	91-47.05W	g	NEMO02MV
0007	230400	0	DRRO	rock dredge	25	2900m	WHOI	0-27.20S	91-44.60W	g	NEMO02MV
0355	230400	0	DRRO	rock dredge	26	2087m	WHOI	0-26.10S	91-42.70W	g	NEMO02MV
0640	230400	0	DRRO	rock dredge	27	1097m	WHOI	0-25.47S	91-40.27W	g	NEMO02MV
0942	230400	0	DRRO	rock dredge	28	1000m	WHOI	0-31.50S	91-37.74W	g	NEMO02MV
1219	230400	0	DRRO	rock dredge	29	1400m	WHOI	0-32.38S	91-38.87W	g	NEMO02MV
1523	230400	0	DRRO	rock dredge	30	1925m	WHOI	0-32.63S	91-41.13W	g	NEMO02MV
2256	230400	0	DRRO	rock dredge	31	900m	WHOI	0-31.75S	91-33.50W	g	NEMO02MV
0205	240400	0	DRRO	rock dredge	32	2610m	WHOI	0-33.51S	91-42.71W	g	NEMO02MV
0711	290400	0	DRRO	rock dredge	33	3500m	WHOI	2-08.12N	97-36.12W	g	NEMO02MV
1129	290400	0	DRRO	rock dredge	34	3625m	WHOI	2-09.50N	97-40.35W	g	NEMO02MV
1542	290400	0	DRRO	rock dredge	35	3470m	WHOI	2-10.49N	97-45.00W	g	NEMO02MV
2310	010500	0	DRRO	rock dredge	36	3556m	WHOI	2-08.29N	97-37.30W	g	NEMO02MV
0237	020500	0	DRRO	rock dredge	37	3550m	WHOI	2-08.15N	97-37.46W	g	NEMO02MV
0638	020500	0	DRRO	rock dredge	38	3550m	WHOI	2-08.60N	97-36.95W	g	NEMO02MV
1048	020500	0	DRRO	rock dredge	39	3528m	WHOI	2-07.98N	97-36.54W	g	NEMO02MV
1431	020500	0	DRRO	rock dredge	40	3580m	WHOI	2-08.08N	97-34.50W	g	NEMO02MV
1745	020500	0	DRRO	rock dredge	41	3630m	WHOI	2-08.67N	97-35.15W	g	NEMO02MV
1657	050500	0	DRRO	rock dredge	42	3469m	WHOI	2-10.11N	97-44.65W	g	NEMO02MV
2046	050500	0	DRRO	rock dredge	43	3600m	WHOI	2-11.00N	97-44.75W	g	NEMO02MV
0033	060500	0	DRRO	rock dredge	44	2930m	WHOI	2-04.90N	97-34.80W	g	NEMO02MV
1411	060500	0	DRRO	rock dredge	45	3354m	WHOI	2-07.30N	97-27.90W	g	NEMO02MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#										
#*** Rock Cores ***										
2200	070400	0	CORG	rock core	1	2904m	WHOI	3-17.84N	102-14.08W	g NEMO02MV
2343	070400	0	CORG	X rock core	2	2984m	WHOI	3-20.75N	102-14.45W	g NEMO02MV
0100	080400	0	CORG	rock core	2	3008m	WHOI	3-21.89N	102-14.50W	g NEMO02MV
0227	080400	0	CORG	rock core	3	3049m	WHOI	3-24.00N	102-14.30W	g NEMO02MV
0353	080400	0	CORG	rock core	4	3098m	WHOI	3-25.03N	102-13.94W	g NEMO02MV
0545	080400	0	CORG	rock core	5	2935m	WHOI	3-28.55N	102-16.25W	g NEMO02MV
0747	080400	0	CORG	rock core	6	2945m	WHOI	3-33.96N	102-09.78W	g NEMO02MV
0935	080400	0	CORG	rock core	7	2953m	WHOI	3-31.06N	102-09.42W	g NEMO02MV
1133	080400	0	CORG	rock core	8	2967m	WHOI	3-27.19N	102-09.43W	g NEMO02MV
1316	080400	0	CORG	X rock core	9	2950m	WHOI	3-27.55N	102-11.78W	g NEMO02MV
1427	080400	0	CORG	rock core	9a	2945m	WHOI	3-27.55N	102-11.78W	g NEMO02MV
1625	080400	0	CORG	rock core	10	3009m	WHOI	3-24.80N	102-09.44W	g NEMO02MV
1816	080400	0	CORG	rock core	11	2943m	WHOI	3-20.89N	102-09.86W	g NEMO02MV
2016	080400	0	CORG	rock core	12	3012m	WHOI	3-16.74N	102-10.14W	g NEMO02MV
2204	080400	0	CORG	rock core	13	2926m	WHOI	3-14.53N	102-12.16W	g NEMO02MV
1848	090400	0	CORG	rock core	14	3108m	WHOI	3-19.36N	102-13.04W	g NEMO02MV
2036	090400	0	CORG	rock core	15	2851m	WHOI	3-14.74N	102-13.42W	g NEMO02MV
2230	090400	0	CORG	rock core	16	2872m	WHOI	3-09.21N	102-12.10W	g NEMO02MV
0019	100400	0	CORG	rock core	17	2890m	WHOI	3-04.40N	102-11.00W	g NEMO02MV
0135	160400	0	CORG	rock core	18	2891m	WHOI	1-40.00N	102-16.50W	g NEMO02MV
0254	160400	0	CORG	rock core	19	2889m	WHOI	1-38.50N	102-15.88W	g NEMO02MV
0405	160400	0	CORG	rock core	20	2903m	WHOI	1-37.50N	102-15.77W	g NEMO02MV
0521	160400	0	CORG	rock core	21	2898m	WHOI	1-36.00N	102-15.45W	g NEMO02MV
0648	160400	0	CORG	rock core	22	2964m	WHOI	1-34.00N	102-14.90W	g NEMO02MV
0854	160400	0	CORG	rock core	23	2906m	WHOI	1-42.35N	102-17.37W	g NEMO02MV
1009	160400	0	CORG	rock core	24	2975m	WHOI	1-42.85N	102-17.80W	g NEMO02MV
1133	160400	0	CORG	rock core	25	2958m	WHOI	1-43.89N	102-16.98W	g NEMO02MV
1820	160400	0	CORG	rock core	26	2885m	WHOI	1-46.10N	102-17.75W	g NEMO02MV
1946	160400	0	CORG	rock core	27	2908m	WHOI	1-48.40N	102-17.40W	g NEMO02MV
2245	040500	0	CORG	rock core	28	3489m	WHOI	2-09.45N	97-42.15W	g NEMO02MV
0019	050500	0	CORG	rock core	29	3455m	WHOI	2-09.60N	97-43.61W	g NEMO02MV
0142	050500	0	CORG	rock core	30	3416m	WHOI	2-09.85N	97-44.30W	g NEMO02MV
0317	050500	0	CORG	rock core	31	3532m	WHOI	2-10.90N	97-45.00W	g NEMO02MV
0449	050500	0	CORG	rock core	32	3583m	WHOI	2-11.20N	97-46.10W	g NEMO02MV
0612	050500	0	CORG	rock core	33	3424m	WHOI	2-10.22N	97-45.75W	g NEMO02MV
0749	050500	0	CORG	rock core	34	3392m	WHOI	2-10.07N	97-46.30W	g NEMO02MV
0920	050500	0	CORG	rock core	35	3417m	WHOI	2-10.74N	97-46.35W	g NEMO02MV
1127	050500	0	CORG	rock core	36	3372m	WHOI	2-14.80N	97-51.95W	g NEMO02MV
1258	050500	0	CORG	rock core	37	3278m	WHOI	2-14.90N	97-50.65W	g NEMO02MV
1426	050500	0	CORG	rock core	38	3332m	WHOI	2-14.30N	97-49.30W	g NEMO02MV
0347	060500	0	CORG	rock core	39	3429m	WHOI	2-07.81N	97-32.32W	g NEMO02MV
0511	060500	0	CORG	rock core	40	3325m	WHOI	2-07.50N	97-30.12W	g NEMO02MV
0641	060500	0	CORG	rock core	41	3252m	WHOI	2-06.90N	97-30.46W	g NEMO02MV
0812	060500	0	CORG	rock core	42	3342m	WHOI	2-07.50N	97-28.75W	g NEMO02MV
0934	060500	0	CORG	rock core	43	3344m	WHOI	2-07.38N	97-27.35W	g NEMO02MV
1100	060500	0	CORG	rock core	44	3380m	WHOI	2-06.90N	97-26.09W	g NEMO02MV
1220	060500	0	CORG	rock core	45	3421m	WHOI	2-06.83N	97-26.60W	g NEMO02MV
#				End Sample Index						NEMO02MV

```

# MGD77 header file description and data
# column,1      2      3      4      5      6      7      8
#23456789012345678901234567890123456789012345678901234567890
# -cruise identifier
# |
# | -format acronym(=MGD77)
# |
# | -data center file number(leave blank)
# |
# | | -no. of headers type 1 (=1)
# | | -no. of headers type 2 (=0)
# | | -no. of parameters (=29)
# | | parameter codes
# | | |-----depths      5 = present in file
# | | |-----mags       3 = collected, not in file
# | | |-----grav       1 = no collected
# | | |-----h.r.seis. (3.5 khz)
# | | |-----d.p.seis. (seis. reflection)
# | | |-----file creation date
# | | |-----contributing institution
# | | |-----code- | -platform type
# | | |----- | -chief scientist(s)
#country |platform name |chief scientist(s)
USA |R/V Melville |SHIP DR. DANIEL FORNARI, WOODS HOLE
#project, cruise & leg |funding
NEW MILLENIUM OF OCEANOGRAPHY LEG 2 |NSF
LINE 03
#bdate|port(city,country) |edate|port(city,country)
000324MANZANILLO,MEXICO |000510MANZANILLO,MEXICO
#navigation instrumentation |position determination method
PCODE GPS |SMOOTHED FIT TO 60 SEC FIXES
#bathymetry instrumentation |additional forms of depth data
SEABEAM 2000 12kHz, w/SIDESCAN |ANAL.REC,35MM FILM,DIGITAL MAG. TAPE
#magnetics instrumentation |additional forms of magnetic data
GEOMETRICS MAGNETOMETER MOD-G886 |DIGITAL TAPE
#gravity instrumentation |additional forms of gravity data
BELL BGM-3 METER S/N 224 |DIGITAL TAPE
#seismic instrumentation |formats of seismic data
NONE COLLECTED
# data format description (in fortran) for seq. no. 10-11
A(I1,A8,F5.2,4I2,F5.3,P8.5,P9.5,I1,F6.4,F6.1,I2,I1,3F6.1,I1,F5.1,F6.0,F7.1,
F6.1,F5.1,A8,4I1)
#bathymetry
#digitizing rate(min)
# | -sampling rate
# | | -sound velocity(meters/sec)
# | | -dep datum code
# | | -interpolation scheme
0101PING IN H2015000 1 MINUTE VALUES EXTRACTED FROM SEABEAM VERTICAL BEAM
#magnetics
#digitizing rate(min)
# | -sampling rate(sec)
# | | -sensor tow dist.(meters)
# | | -sensor depth (meters)
# | | -horizontal sensor separation(meters)
# | | -reference field
# | | -method of deriving residual field
0100699999999999999903IGRF-1995 LIN.INTERP.POINTS WITHIN ONE DEGREE SQUARE
#gravity
#digitizing rate (min)
# | -sampling rate(sec)
# | | -code
# | | -theoretical grav. formula(in plain language)
# | | | -code
# | | | -reference system (in plain language)
# | | | -corrections applied
010013IAG SYSTEM 1967 3SYSTEM IGSN 71 EOTVOS AND METER DRIFT
#gravity continued
# |departure base station gravity(mgal)
# | -departure base station description
# |
# | -arrival base station gravity(mgal)

```

```
#| | | | -arrival base stat. description
978583 MANZANILLO FISCAL PIER NECORNER 978583 MANZANILLO FISCAL PIER 15
#
# 10 degree area identifiers
#|no. of area identifiers (col 1-2) . col 3 is blank, then starting with
# column 4 for the next two lines, there are 4 columns separated by
# commas for each area identifiers.
16
17
#seq. line no's. 18-24 are reserved for additional documentation
PROCESSED BY GEOLOGICAL DATA CENTER, SCRIPPS INSTITUTION OF OCEANOGRAPHY 18
19
20
DEPTHS CORRECTED FOR 5 METER SHIP DRAFT 21
NAVIGATION: PCODE GPS 22
23
24
```

SAMPLE INDEX NEMO02MV

PECS	WHOI	FORNARI, D.	CHIEF SCIENTIST	WOODS HOLE	NEMO02MV
PECS		PERFIT, M.	CO-CHEIF SCI.	U. OF FLORIDA	NEMO02MV
PECS	LDEO	TOLSTOY, M.	CO-CHEIF SCI.	LAMONT DOHERTY	NEMO02MV
PESP	UCSB	HAYMON, R.	SCIENTIST	U. C. SANTA BARBARA	NEMO02MV
PESP	BRNU	SCHEIRER, D.	SCIENTIST	BROWN UNIVERSITY	NEMO02MV
PEST	UHI	KURRAS, G.	GRAD. STUDENT	U. OF HAWAII	NEMO02MV
PESP	UHI	JOHNSON, P.	DATA PROCESSOR	U. OF HAWAII	NEMO02MV
PESP	OSU	GETSIV, J.	DATA PROCESSOR	OREGON STATE U.	NEMO02MV
PESP		TODD, E.	UNDERGRAD	U. OF FLORIDA	NEMO02MV
PEST	UCSB	WHITE, S.	GRAD. STUDENT	U. C. SANTA BARBARA	NEMO02MV
PEST	UCSB	GANS, K.	GRAD. STUDENT	U. C. SANTA BARBARA	NEMO02MV
PEST	UCSB	HASKELL, T.	UNDERGRAD	U. C. SANTA BARBARA	NEMO02MV
PEST	GBN	WIGHAM, B.	SCIENTIST	SOUTHAMPTON OCEAN.	NEMO02MV
PEST	GBN	WILLIAMS, C.	UNDERGRAD.	U. OF LEEDS	NEMO02MV
PEST	GBN	LEAN, P.	UNDERGRAD.	U. OF LEEDS	NEMO02MV
PEST	GBN	HEAD, T.	UNDERGRAD.	U. OF LEEDS	NEMO02MV
PEST	GBN	BURGESS, J.	UNDERGRAD.	U. OF LEEDS	NEMO02MV
PESP	WHOI	CROOK, T.	TECHNICIAN	WOODS HOLE	NEMO02MV
PESP	WHOI	BERNARD, PJ	TECHNICIAN	WOODS HOLE	NEMO02MV
PESP	WHOI	ELDER, R.	TECHNICIAN	WOODS HOLE	NEMO02MV
PESP	WHOI	GEGG, S.	TECHNICIAN	WOODS HOLE	NEMO02MV
PESP	WHOI	KEELER, J.	TECHNICIAN	WOODS HOLE	NEMO02MV
PESP	WHOI	KURZ, M.	SCIENTIST	WOODS HOLE	NEMO02MV
PESP	WHOI	CURTICE, J.	SCIENTIST	WOODS HOLE	NEMO02MV
PESP	CAN	ELDER, C.	TECHNICIAN	WOODS HOLE	NEMO02MV
PESP	STS	PECKMAN, U.	SEABEAM TECH.	SIO	NEMO02MV
PERT	STS	COMER, R.	RESIDENT TECH.	SIO	NEMO02MV
PECT	SCG	CHARTERS, J.	COMPUTER ENGINEER	SIO	NEMO02MV
PENT	STS	DICKAU, R.	MARINE TECHNICIAN	SIO	NEMO02MV
PEET	STS	PALOMARES, R.	ELECTRONICS TECH.	SIO	NEMO02MV
PEXN	EDR	SANTANA, E.	OBSERVER	ECUADOR	NEMO02MV
PEXN	EDR	LLERENA, W.	OBSERVER	ECUADOR	NEMO02MV
PEXN	EDR	MANJARREZ, S.	OBSERVER	ECUADOR	NEMO02MV

2106	240300	LGPT B	MANZANILLO, MEXICO		P NEMO02MV
1407	100500	LGPT E	MANZANILLO, MEXICO		NEMO02MV
1500	190400	LGSS B	PT. AYORA, SANTA CRUZ		NEMO02MV
0042	210400	LGSS E	ISL., GALAPAGOS, ECU.		NEMO02MV
1413	240400	LGSS B	PT. AYORA, SANTA CRUZ		NEMO02MV
1824	240400	LGSS E	ISL., GALAPAGOS, ECU.		NEMO02MV
2106	240300	LBUW B	UNDERWAY WATCH LOG	GDC	NEMO02MV
1235	100500	LBUW E	PAGES 1-37	GDC	NEMO02MV
2307	240300	B	3.5/PINGER RECORD	1 GDC	NEMO02MV
2040	150400	E	3.5/PINGER RECORD	1 GDC	NEMO02MV
2041	150400	B	3.5/PINGER RECORD	2 GDC	NEMO02MV
0855	230400	E	3.5/PINGER RECORD	2 GDC	NEMO02MV
0925	230400	B	3.5/PINGER RECORD	3 GDC	NEMO02MV
1729	290400	E	3.5/PINGER RECORD	3 GDC	NEMO02MV
1735	290400	B	3.5/PINGER RECORD	4 GDC	NEMO02MV
1235	100500	E	3.5/PINGER RECORD	4 GDC	NEMO02MV
2132	240300	MBSR B	SEABEAM RECORD	1 GDC	NEMO02MV
2012	230400	MBSR E	SEABEAM RECORD	1 GDC	NEMO02MV
2015	230400	MBSR B	SEABEAM RECORD	2 GDC	NEMO02MV
1215	100500	MBSR E	SEABEAM RECORD	2 GDC	NEMO02MV
2106	240300	IMET B	IMET	GDC	NEMO02MV
1407	100500	IMET E	IMET	GDC	NEMO02MV
2106	240300	GVCR B	GRAVITY	GDC	NEMO02MV

1407	100500	GVCR	E	GRAVITY		GDC				NEMO02MV
1735	060500	MGRA	B	MAGNETICS		GDC				NEMO02MV
0333	090500	MGRA	E	MAGNETICS		GDC				NEMO02MV
2142	250300		B	LAUNCHED DSL 120	1	WHO	09-36.65N	104-20.00W		NEMO02MV
0436	260300		E	RECOVERED DSL 120	1	WHO	09-36.67N	104-13.76W		NEMO02MV
1442	260300		B	LAUNCHED DSL 120	2	WHO	09-36.68N	104-19.86W		NEMO02MV
1600	300300		E	RECOVERED DSL 120	2	WHO	09-03.75N	104-10.70W		NEMO02MV
2130	010400		B	LAUNCHED DSL 120	3	WHO	03-32.52N	102-30.39W		NEMO02MV
0214	040400		E	RECOVERED DSL 120	3	WHO	03-29.97N	102-15.32W		NEMO02MV
1914	100400		B	LAUNCHED DSL 120	4	WHO	01-35.41N	102-15.60W		NEMO02MV
2235	120400		E	RECOVERED DSL 120	4	WHO	01-53.60N	102-13.49W		NEMO02MV
1410	260400		B	LAUNCHED DSL 120	5	WHO	02-06.27N	097-22.92W		NEMO02MV
0450	290400		E	RECOVERED DSL 120	5	WHO	02-02.36N	097-29.95W		NEMO02MV
1717	040400		B	LAUNCHED ARGO II	1	WHO	03-22.00N	102-14.50W		NEMO02MV
2126	060400		E	RECOVERED ARGO II	1	WHO	03-23.40N	102-14.47W		NEMO02MV
0000	090400		B	LAUNCHED ARGO II	2	WHO	03-25.50N	102-14.01W		NEMO02MV
1500	090400		E	RECOVERED ARGO II	2	WHO	03-25.34N	102-14.25W		NEMO02MV
1242	130400		B	LAUNCHED ARGO II	3	WHO	01-43.90N	102-16.97W		NEMO02MV
0229	150400		E	RECOVERED ARGO II	3	WHO	01-41.11N	102-16.28W		NEMO02MV
2012	290400		B	LAUNCHED ARGO II	4	WHO	02-07.43N	097-31.80W		NEMO02MV
2054	010500		E	RECOVERED ARGO II	4	WHO	02-11.59N	097-41.91W		NEMO02MV
2010	020500		B	LAUNCHED ARGO II	5	WHO	02-07.45N	097-32.76W		NEMO02MV
2151	040500		E	RECOVERED ARGO II	5	WHO	02-09.55N	097-42.25W		NEMO02MV
1639	150400	TDCT		CTD	1	ODF	01-41.55N	102-16.87W		NEMO02MV
1830	150400	TDCT		CTD	2	ODF	01-41.54N	102-16.84W		NEMO02MV
0459	040400	DRRO		ROCK DREDGE	1	3280m WHO	03-24.10N	102-14.40W		NEMO02MV
0835	040400	DRRO		ROCK DREDGE	2	3200m WHO	03-26.66N	102-13.14W		NEMO02MV
1216	040400	DRRO		ROCK DREDGE	3	3219m WHO	03-26.78N	102-13.37W		NEMO02MV
0041	070400	DRRO		ROCK DREDGE	4	3060m WHO	03-23.30N	102-14.31W		NEMO02MV
0353	070400	DRRO		ROCK DREDGE	5	3060m WHO	03-23.28N	102-14.38W		NEMO02MV
0730	070400	DRRO		ROCK DREDGE	6	3180m WHO	03-26.84N	102-13.80W		NEMO02MV
1159	070400	DRRO		ROCK DREDGE	7	3080m WHO	03-23.18N	102-14.46W		NEMO02MV
1829	070400	DRRO		ROCK DREDGE	8	3177m WHO	03-19.98N	102-12.93W		NEMO02MV
0124	130400	DRRO		ROCK DREDGE	9	2870m WHO	01-42.24N	102-17.02W		NEMO02MV
0618	130400	DRRO		ROCK DREDGE	10	2875m WHO	01-44.24N	102-17.34W		NEMO02MV
0952	130400	DRRO		ROCK DREDGE	11	2900m WHO	01-44.31N	102-16.97W		NEMO02MV
0421	150400	DRRO		ROCK DREDGE	12	3050m WHO	01-40.28N	102-15.77W		NEMO02MV
0836	150400	DRRO		ROCK DREDGE	13	3010m WHO	01-41.03N	102-16.20W		NEMO02MV
1226	150400	DRRO		ROCK DREDGE	14	3010m WHO	01-42.89N	102-16.55W		NEMO02MV
2224	150400	DRRO		ROCK DREDGE	15	2880m WHO	01-41.51N	102-16.85W		NEMO02MV
1357	160400	DRRO		ROCK DREDGE	16	3054m WHO	01-40.63N	102-15.77W		NEMO02MV
2218	160400	DRRO		ROCK DREDGE	17	3365m WHO	01-53.10N	102-10.60W		NEMO02MV
1552	210400	DRRO		ROCK DREDGE	18	2540m WHO	00-10.03S	091-46.00W		NEMO02MV
1918	210400	DRRO		ROCK DREDGE	19	2960m WHO	00-12.50S	091-48.60W		NEMO02MV
2250	210400	DRRO		ROCK DREDGE	20	1840m WHO	00-14.91S	091-45.50W		NEMO02MV
0158	220400	DRRO		ROCK DREDGE	21	1740m WHO	00-14.73S	091-45.09W		NEMO02MV
1228	220400	DRRO		ROCK DREDGE	22	2390m WHO	00-10.98S	091-45.67W		NEMO02MV
1605	220400	DRRO		ROCK DREDGE	23	1479m WHO	00-15.36S	091-43.91W		NEMO02MV
2029	220400	DRRO		ROCK DREDGE	24	3260m WHO	00-27.00S	091-47.05W		NEMO02MV
0007	230400	DRRO		ROCK DREDGE	25	2900m WHO	00-27.20S	091-44.60W		NEMO02MV
0355	230400	DRRO		ROCK DREDGE	26	2087m WHO	00-26.10S	091-42.70W		NEMO02MV
0640	230400	DRRO		ROCK DREDGE	27	1097m WHO	00-25.47S	091-40.27W		NEMO02MV
0942	230400	DRRO		ROCK DREDGE	28	1000m WHO	00-31.50S	091-37.74W		NEMO02MV
1219	230400	DRRO		ROCK DREDGE	29	1400m WHO	00-32.38S	091-38.87W		NEMO02MV
1523	230400	DRRO		ROCK DREDGE	30	1925m WHO	00-32.63S	091-41.13W		NEMO02MV
2256	230400	DRRO		ROCK DREDGE	31	900m WHO	00-31.75S	091-33.50W		NEMO02MV
0205	240400	DRRO		ROCK DREDGE	32	2610m WHO	00-33.51S	091-42.71W		NEMO02MV
0711	290400	DRRO		ROCK DREDGE	33	3500m WHO	02-08.12N	097-36.12W		NEMO02MV
1129	290400	DRRO		ROCK DREDGE	34	3625m WHO	02-09.50N	097-40.35W		NEMO02MV
1542	290400	DRRO		ROCK DREDGE	35	3470m WHO	02-10.49N	097-45.00W		NEMO02MV
2310	010500	DRRO		ROCK DREDGE	36	3556m WHO	02-08.29N	097-37.30W		NEMO02MV
0237	020500	DRRO		ROCK DREDGE	37	3550m WHO	02-08.15N	097-34.46W		NEMO02MV
0638	020500	DRRO		ROCK DREDGE	38	3550m WHO	02-08.60N	097-36.95W		NEMO02MV
1048	020500	DRRO		ROCK DREDGE	39	3528m WHO	02-07.98N	097-36.54W		NEMO02MV

1431	020500	DRRO	ROCK	DREDGE	40	3580m	WHO	02-08.08N	097-34.50W	NEMO02MV
1745	020500	DRRO	ROCK	DREDGE	41	3630m	WHO	02-08.67N	097-35.16W	NEMO02MV
1657	050500	DRRO	ROCK	DREDGE	42	3469m	WHO	02-10.11N	097-44.65W	NEMO02MV
2046	050500	DRRO	ROCK	DREDGE	43	3600m	WHO	02-11.00N	097-44.74W	NEMO02MV
0033	060500	DRRO	ROCK	DREDGE	44	2930m	WHO	02-04.90N	097-34.80W	NEMO02MV
1411	060500	DRRO	ROCK	DREDGE	45	3354m	WHO	02-07.28N	097-27.90W	NEMO02MV
2200	070400	CORG	ROCK	CORE	1	2904m	WHO	03-17.84N	102-14.08W	NEMO02MV
2343	070400	CORG X	ROCK	CORE	2	2984m	WHO	03-20.75N	102-14.45W	NEMO02MV
0100	080400	CORG	ROCK	CORE	2	3008m	WHO	03-21.89N	102-14.50W	NEMO02MV
0227	080400	CORG	ROCK	CORE	3	3049m	WHO	03-24.00N	102-14.30W	NEMO02MV
0353	080400	CORG	ROCK	CORE	4	3098m	WHO	03-25.03N	102-13.94W	NEMO02MV
0545	080400	CORG	ROCK	CORE	5	2935m	WHO	03-28.55N	102-16.25W	NEMO02MV
0747	080400	CORG	ROCK	CORE	6	2945m	WHO	03-33.96N	102-09.78W	NEMO02MV
0935	080400	CORG	ROCK	CORE	7	2953m	WHO	03-31.06N	102-09.42W	NEMO02MV
1133	080400	CORG	ROCK	CORE	8	2967m	WHO	03-27.19N	102-09.43W	NEMO02MV
1316	080400	CORG X	ROCK	CORE	9	2950m	WHO	03-27.55N	102-11.78W	NEMO02MV
1427	080400	CORG	ROCK	CORE	9A	2945m	WHO	03-27.55N	102-11.78W	NEMO02MV
1625	080400	CORG	ROCK	CORE	10	3009m	WHO	03-24.80N	102-09.44W	NEMO02MV
1816	080400	CORG	ROCK	CORE	11	2943m	WHO	03-20.89N	102-09.86W	NEMO02MV
2016	080400	CORG	ROCK	CORE	12	3012m	WHO	03-16.74N	102-10.14W	NEMO02MV
2204	080400	CORG	ROCK	CORE	13	2926m	WHO	03-14.53N	102-12.16W	NEMO02MV
1848	090400	CORG	ROCK	CORE	14	3108m	WHO	03-19.36N	102-13.04W	NEMO02MV
2036	090400	CORG	ROCK	CORE	15	2851m	WHO	03-14.74N	102-13.42W	NEMO02MV
2230	090400	CORG	ROCK	CORE	16	2872m	WHO	03-09.21N	102-12.10W	NEMO02MV
0019	100400	CORG	ROCK	CORE	17	2890m	WHO	03-04.40N	102-11.00W	NEMO02MV
0135	160400	CORG	ROCK	CORE	18	2891m	WHO	01-40.00N	102-16.50W	NEMO02MV
0254	160400	CORG	ROCK	CORE	19	2889m	WHO	01-38.50N	102-15.88W	NEMO02MV
0405	160400	CORG	ROCK	CORE	20	2903m	WHO	01-37.50N	102-15.77W	NEMO02MV
0521	160400	CORG	ROCK	CORE	21	2898m	WHO	01-35.99N	102-15.46W	NEMO02MV
0648	160400	CORG	ROCK	CORE	22	2964m	WHO	01-34.00N	102-14.89W	NEMO02MV
0854	160400	CORG	ROCK	CORE	23	2906m	WHO	01-42.35N	102-17.37W	NEMO02MV
1009	160400	CORG	ROCK	CORE	24	2975m	WHO	01-42.85N	102-17.80W	NEMO02MV
1133	160400	CORG	ROCK	CORE	25	2958m	WHO	01-43.89N	102-16.98W	NEMO02MV
1820	160400	CORG	ROCK	CORE	26	2885m	WHO	01-46.10N	102-17.75W	NEMO02MV
1946	160400	CORG	ROCK	CORE	27	2908m	WHO	01-48.40N	102-17.40W	NEMO02MV
2245	040500	CORG	ROCK	CORE	28	3489m	WHO	02-09.45N	097-42.15W	NEMO02MV
0019	050500	CORG	ROCK	CORE	29	3455m	WHO	02-09.60N	097-43.61W	NEMO02MV
0142	050500	CORG	ROCK	CORE	30	3416m	WHO	02-09.85N	097-44.30W	NEMO02MV
0317	050500	CORG	ROCK	CORE	31	3532m	WHO	02-10.90N	097-45.00W	NEMO02MV
0449	050500	CORG	ROCK	CORE	32	3583m	WHO	02-11.20N	097-46.10W	NEMO02MV
0612	050500	CORG	ROCK	CORE	33	3424m	WHO	02-10.22N	097-45.75W	NEMO02MV
0749	050500	CORG	ROCK	CORE	34	3392m	WHO	02-10.07N	097-46.30W	NEMO02MV
0920	050500	CORG	ROCK	CORE	35	3417m	WHO	02-10.74N	097-46.35W	NEMO02MV
1127	050500	CORG	ROCK	CORE	36	3372m	WHO	02-14.80N	097-51.95W	NEMO02MV
1258	050500	CORG	ROCK	CORE	37	3278m	WHO	02-14.90N	097-50.65W	NEMO02MV
1426	050500	CORG	ROCK	CORE	38	3332m	WHO	02-14.30N	097-49.30W	NEMO02MV
0347	060500	CORG	ROCK	CORE	39	3429m	WHO	02-07.81N	097-32.32W	NEMO02MV
0511	060500	CORG	ROCK	CORE	40	3325m	WHO	02-07.50N	097-30.12W	NEMO02MV
0641	060500	CORG	ROCK	CORE	41	3252m	WHO	02-06.90N	097-30.46W	NEMO02MV
0812	060500	CORG	ROCK	CORE	42	3342m	WHO	02-07.50N	097-28.75W	NEMO02MV
0934	060500	CORG	ROCK	CORE	43	3344m	WHO	02-07.38N	097-27.35W	NEMO02MV
1100	060500	CORG	ROCK	CORE	44	3380m	WHO	02-06.90N	097-26.09W	NEMO02MV
1220	060500	CORG	ROCK	CORE	45	3421m	WHO	02-06.83N	097-26.60W	NEMO02MV

#end